2008

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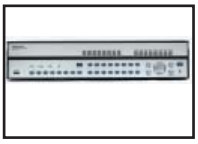
HUNT
ELECTRONIC

Product Guide

Contents



HVRM Series High Performance Digital Video Recorder - MPEG4

32 Channel DVR 960x960@720x240 (Half D1), MPEG4.....4

16 Channel DVR 480/480 @ 720x480 (Full D1), MPEG4.....4

16 Channel DVR 480/240 @ 720x480 (Full D1), 480/480 @720x240 (Half D1), MPEG4...4

16 Channel DVR 480/120 @ 720x480 (Full D1), 480/240 @ 720x240 (Half D1), 480/480 @360 x240 (CIF), MPEG4.....4

8 Channel DVR 240//240 @ 720x240 (Half D1), 240/120 @720x480 (Full D1), MPEG4....6

4 Channel DVR 120/120 @ 360x240 (CIF), 120/30 @720x480 (Full D1), MPEG4.....6

HMR Series High Performance Digital Video Recorder - Mpeg4

4 Channel 120/120, 8 Channel 120/240, 16 Channel 120/480 DVR, MPEG4.....8

8 Channel 240/240, 16 Channel 240/480,16 Channel 480/480 DVR, MPEG4.....10

HJR Series High Performance Digital Video Recorder - Mpeg4

4 Channel 120/120, 8 Channel 120/240, MPEG4 16 Channel 60/480 DVR, Wavelet.....12

IP Solutions

Network Video Recorder 480/480 @ 720x480 (Full D1), MPEG4.....14

IP Cameras 720x480 (Full D1), MPEG4.....15

Video Server, MPEG4, Wavelet.....16

Speed Dome Cameras

Day/Night Speed Dome Cameras, 36X Optical, 12X Digital.....18

Day/Night Speed Dome Cameras, 26X Optical, 12X Digital.....20

Day/Night Speed Dome Cameras, 18X Optical, 12X Digital.....22

Day/Night Speed Dome Cameras, 10X Optical, 10X Digital.....24

Wide Dynamic Range Cameras

Wide Dynamic Range Cameras.....25

Box Type CCD Cameras

Standard Color CCD Cameras.....26

Standard B/W CCD Cameras.....27

Day/ Night Cameras

Standard Day/Night Cameras.....28

Day/Night Dome Cameras - Interior.....28

Vandal Resistant Day/Night Dome Cameras - Exterior.....29

Vandal Resistant Day/Night Dome Cameras - Exterior. Square Type.....30

IR Dome Cameras - Exterior

Vandal Resistance IR Dome Cameras - Exterior.....30

IR Day/Night Vandal Dome Cameras with IR Cut Filter - Exterior.....31

IR Dome Cameras - Interior

IR Dome Cameras - Interior.....31

IR Day/Night Dome Cameras with IR Cut Filter - Interior.....31

IR Cameras

Long Range IR Bullet Cameras with IR Cut Filter.....32

IR Bullet Cameras, IR Illuminators.....33

Water Resistant Cameras

Contents

Outdoor Rearview Cameras, Rearview Monitors.....34
Bullet Cameras, Vari-focal Bullet cameras.....35

Dome Cameras - Interior

12VDC Dome Cameras - Interior.....36
24VAC Dome Cameras - Interior.....37

Vandal Resistant Dome Cameras-Exterior

Vandal Resistant Dome Cameras-Exterior.....39
Vandal Resistant Dome Cameras-Exterior. Square Type.....40

Hidden Type Cameras

PIR, Smoke Detector Cameras.....42
Metal Plate Cameras.....43

Board Cameras

24VAC Board Cameras.....44
12VDC Board Cameras.....45

Video, Power Transceiver, Distributor, and Surge Protector

Video , Power, and Data Surge Protector, Power Converter.....46
Video Transceiver via UTP wire (RJ45 connector).....47
Video, power, and data Transceiver via UTP wire.....47
Video Transceiver via UTP wire.....48
RS485 Serial Data Distributor, Data Converter.....49
Video Signal Distributior, Signal Isolator.....50
VGA Signal Extension.....51

Security Monitors

LCD Monitors.....52
Color Monitor.....53
B/W Monitor.....54
LCD Mounts.....55

CCTV Lens

Day/ Night IR Correct Lens.....56
Vari-focal lens.....56
Fixed lens.....58
Pinhole lens.....59

Video Processor

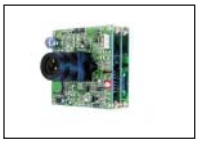
Multiplexer.....60
Quad Processors.....61

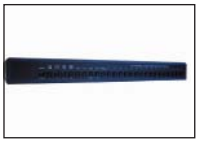
Camera Housing & Mounts

Camera Environmental Housing & Mount.....62

Camera Accessories Microphones, Connecotors, Wire

Camera Accessories Microphones, Connectors, Wire.....63
CCTV Power Supply.....64
Product Category Warranty.....66
Product Index.....67





HVRM Series High Performance Digital Video Recorder - Mpeg 4

32/ 16 Channel Digital Video Recorder

NEW!

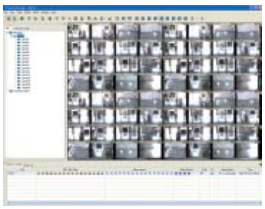
HVRM Series supports 32/ 16 analog video channels. Video, Audio, and Text Event-Logs are digitized and stored on 4 SATA hard-drives. Using advanced Mpeg 4 Compression, average file size is 3-6KB while still maintaining enough clarity for facial-recognition . Due to our Mpeg 4 video compression, HVRM series processes video into crisp, clear, 720x480 resolution (full D1) up to 30 images per second.

Order Information	HVRM-H3200M HVRM-H1600L HVRM-H1600M HVRM-D1600Q
Certificate	FCC, CE, MIC, RoHS
Dimension	445(W) x 388(D) x 88(H)
Shipping Weight	23 lbs
Unit per ctn	1 pcs

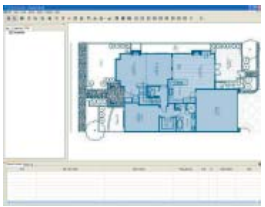
Key Features

- 32/ 16 channel Stand-alone DVR with MPEG4 and JPEG dual codec
- 32 Channel Max. 960/800ips recording with 2CIF (Half D1) resolution (30/25ips per channel)
- 16 Channel Max. 480ips recording with (Full D1) resolution (30ips per channel)
- Adjustable resolution (CIF, 2CIF, 4CIF/D1) and frame rate per channel
- Support JPEG encoding for multi channel network monitoring
- 2 internal and 2 Hot-swappable SATA HDDs (Max. 4 HDDs can be installed)
- Support external storage with Max. 8TB via eSATA or IEEE1394B
- Storage extension via IEEE1394B (800Mbps) for RAID support
- Up to 4ch audio inputs for recording and 1ch output for two-way audio
- Built-in 4 BNC Monitor outputs (each monitor support 1/4/9/16ch and sequential mode)
- Built-in multiplexer for 16ch live monitoring and playback (1/4/9/16ch mode)
- Built-in DVD Writer, USB and eSATA port for data backup
- Support large scaled storage
- PTZ control (support preset) via RS485 / 232
- Support static and dynamic IP for xDSL, Cable-modem user
- Support IR remote controller and external keyboard/joystick via RS485 / 232
- Provide remote monitoring software (Control Center Lite-D Software)
- Built-in Web Server for Web Browser viewing and playback
- Support NTP (Network Time Protocol) for time synchronization

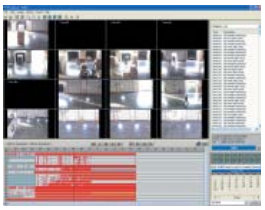
Control Center Pro Software (Optional Software)



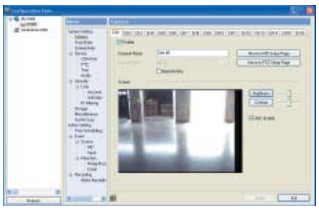
Control center



Mapping feature



Playback



Configuration tool

- Dual Monitor support
- Support Max 128ch simultaneous monitoring (when using dual monitor)
- Various screen division (1/4/9/16/25/36/49/64)
- Alarm Popup and Sequential switch monitor
- Support DirectX Display (Full screen Display is possible)
- Managing and controlling site on Tree GUI
- View Set mode (Group and Map mode for management of each channel)
- Recording (.re3)
- Smart search
- Instant Recording (.re3)
- Image Export (Saving the recorded image in bitmap or jpg)
- Audio in/out
- On Screen PTZ
- Event history Log & Status Panel
- Event Log Search Utility (Searching for relevant image)
- Surveillance Mode
- Map Mode
- Text search

32/ 16 Channel Digital Video Recorder

SPECIFICATIONS

ITEM	HVRM-H3200M	HVRM-H1600L	HVRM-H1600M	HVRM-D1600Q
Operating System	Embedded Linux			
Video Input (BNC, 1Vp-p)	32	16	16	16
Video Output	4 BNC (Main, Spot), 1 VGA	4 BNC (Main, Spot), 1 VGA	2 BNC (Main, Spot), 1 VGA	1 BNC Main, 1 BNC Spot, 1 VGA
Loop Out (BNC, 1Vp-p)	N/A	16 with Auto-termination		
Live Displays	1, 4, 9, 16			
Playback Displays	1, 4, 9, 16			
Video Compression	MPEG4, JPEG			
File Size	2-3KB @ (CIF), 13K @ (full D1)			
Live Display Speed	960/ 800ips (NTSC/PAL)	480/400ips (NTSC/PAL)		
Record Resolution	D1, HALF D1, CIF			
Record Speed	960x960@720x240 (Half D1)	480/480 @ 720x480 (Full D1)	480/240 @ 720x480 (Full D1)	480/120 @ 720x480 (Full D1)
			480/480 @720x240 (Half D1)	480/240 @ 720x240 (Half D1)
				480/480 @ 360 x240 (CIF)
Alarm In/Out(Relay)	16 / 4			
Emergency Record Mode	Yes			
System Control	Key buttons, Remote Client, IR Remote			
System Control SW	Control Center, Web Browser			
PTZ control	RS485/ RS232			RS485
Video Format	NTSC/PAL			
Audio	4ch Input, 1ch Output			
Display	Brightness, Contrast and Covert Feature			
Camera Title	22 Characters per Channel			
Recording Mode	Schedule, Event (Pre/Post), Manual (Emeryency)			
Recording Quality	5 Levels of Compression Rate / Record Frame Rate Adjustment			
Pre/Post Recording	Pre: 5 sec / Post: 60 sec			
Motion Detection	22x15 NTSC/ 22x18 PAL			
Search Mode	Date/Time, Event alarm, Text, Smart search (motion)			
Playback Modes	Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x			
Multiplex Function	Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback			
Alarm Notification	Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event			
Support IPFR	Intelligent Power failure recovery			
Watermark	Yes			
Password Protection	2 Level Password (Admin/User)			
Interface	2 RS-232C, 2 RS-422/485, 1 Ethernet, 1 USB			1 RS-232C, 2 RS-485, 1 Ethernet, 1 USB
Storage	2 Hot Swappable SATA HDD Plus 2 SATA HDD			4 SATA HDD
IEEE 1394 port for storage	Yes (Firewire IEEE1394B)			Yes (Firewire IEEE1394A)
Maximum Storage	8TB			
Storage Entension	IEEE1394, eSATA			
Back up	USB, DVD-RW, Network, eSATA, 1394B			USB, DVD-RW, Network, eSATA, 1394A
Network	LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP			
Remote Client	Control Center Lite-D, Control Center Pro (optional)			
Power	Input: 100-230VAC, 50/60 Hz,			
Power Consumption	Max 85W, Average 60W	Max 85W, Average 60W	Max 85W, Average 60W	Max 85W, Average 60W
Operation Temperature	0 °C ~ +40°C			
Storage Temperature	-20 °C~ +60°C			
Operation Humidity	93% RH Below			
Storage Humidity	95% RH Below			
Dimension / Weight	445(W) x 388(D) x 88(H)mm / 23 lbs			

Specifications are Subject to Change without notice.

HVRM Series High Performance Digital Video Recorder - Mpeg 4

8/ 4 Channel Digital Video Recorder

NEW!

HVRM Series supports 8/ 4 analog video channels. Video, Audio, and Text Event-Logs are digitized and stored on 2 internal hard-drives. Using advanced Mpeg 4 Compression, average file size is 2-3KB while still maintaining clarity enough for facial-recognition . Due to our Mpeg 4 video compression HVRM series processes video into crisp, clear, 720x240 (half D1) resolution up to 30 images per second.

Order Information	HVRM-D800E HVRM-S400E
Certificate	FCC, CE, MIC, RoHS
Dimension	420(W) x 294(D) x 98(H)
Shipping Weight	12.13 lbs
Unit per ctn	1 pcs

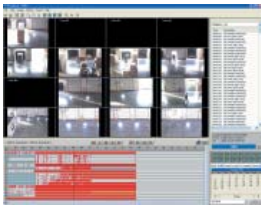
Key Features

- 8/ 4 channel Stand-alone DVR with MPEG4 and JPEG dual codec
- 8 channel max. 240ips recording with 30ips per channel
- 4 channel max. 120ips recording with 30ips per channel
- Adjustable resolution (CIF, 2CIF, 4CIF/D1) and frame rate per channel
- Support JPEG encoding for multi channel network monitoring
- 2 internal HDDs
- Support external storage via eSATA or 1394B up to 8TB on 8 channel
- Free control center lite-D software
- Built-in multiplexer for live monitoring and playback
- Built-in DVD Writer, USB and eSATA port for data backup
- PTZ control (support preset) via RS485
- Support static and dynamic IP for xDSL, Cable-modem user
- Support IR remote controller and external keyboard/joystick via RS485 / 232
- Provide remote monitoring software (Control Center Lite-D Software)
- Built-in Web Server for Web Browser viewing and playback
- Support NTP (Network Time Protocol) for time synchronization
- Support USB utility (Firmware & configuration value uploading)
- Date/Time, Log, Text, Smart search available from Control Center Software
- Support IPFR (Intelligent Power Failure Recovery)

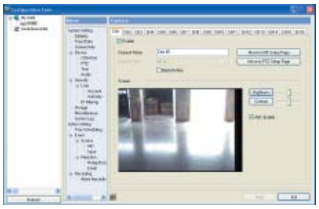
Control Center Pro Software (Optional Software)

Control center

Mapping feature



Playback



Configuration tool

- Dual Monitor support
- Support Max 128ch simultaneous monitoring (when using dual monitor)
- Various screen division (1/4/9/16/25/36/49/64)
- Alarm Popup and Sequential switch monitor
- Support DirectX Display (Full screen Display is possible)
- Managing and controlling site on Tree UI
- View Set mode (Group and Map mode for management of each channel)
- Recording (.re3)
- Smart search
- Instant Recording (.re3)
- Image Export (Saving the recorded image in bitmap or jpg)
- Audio in/out
- On Screen PTZ
- Event history Log & Status Panel
- Event Log Search Utility (Searching for relevant image)
- Surveillance Mode
- Map Mode
- Text search

8/ 4 Channel Digital Video Recorder

SPECIFICATIONS

ITEM	HVRM-D800E	HVRM-S400E
Operating System	Embedded Linux	Embedded Linux
Video Input (BNC, 1Vp-p)	8	4
Video Output	2BNC, 1 VGA	1BNC, 1 VGA
Loop Out (BNC, 1Vp-p)	8 with manual-termination	4 with Auto-termination
Live Displays	1, 4, 9	1, 4
Playback Displays	1, 4, 9	1, 4
Video Compression	MPEG4, JPEG	
File Size	2~3KB @ (CIF), 13K @ (full D1)	2~3KB @ (CIF), 13K @ (full D1)
Live Display Speed	240/240ips (NTSC/PAL)	120/100ips (NTSC/PAL)
Record Resolution	D1, HALF D1, CIF	
Record Speed	240//240 @ 720x240 (Half D1), 240/120 @720x480 (Full D1)	120/120 @ 360x240 (CIF), 120/60 @720x240 (Half D1), 120/30 @720x480 (Full D1)
Alarm In/Out(Relay)	8 alarm inputs, 4 relay outputs	4 alarms inputs, 4 relays outputs
Emergency Record Mode	Yes	N/A
System Control	Key buttons, Remote Client, IR Remote	Key buttons, Remote Client, IR Remote, Keyboard Controller
System Control SW	Control Center, Web Browser	
PTZ control	RS485	RS232
Video Format	NTSC/PAL	
Audio	1ch Input, 1ch Output	4ch Input, 1ch Output
Display	Brightness, Contrast and Covert Feature	Brightness, Contrast
Camera Title	16 Characters per Channel	
Recording Mode	Schedule, Event (Pre/Post)	Schedule, Event (Pre/Post)
Recording Quality	5 Levels of Compression Rate / Record Frame Rate Adjustment	
Pre/Post Recording	Pre: 5 sec / Post: 60 sec	Pre: 30 sec / Post: 120 sec
Motion Detection	22x15 NTSC/ 22x18 PAL	16x12 NTSC/ 16x12 PAL
Search Mode	Date/Time, Event alarm, Text, Smart search (motion)	
Playback Modes	Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x	Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x
Multiplex Function	Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback	
Alarm Notification	Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event	Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event
Support IPFR	Intelligent Power failure recovery	
Watermark	Yes	
Password Protection	2 Level Password (Admin/User)	
Interface	1 RS-232C, 2 RS-485, 1 USB	1 RS-232C, 1 Ethernet, 1 USB
Storage	2 SATA HDD	2 IDE HDD
Maximum Storage	8TB	1.5TB
Storage Entension	eSATA	N/A
Back up	USB, DVD-RW, Network, eSATA	USB, DVD-RW, Network
Network	LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP	
Remote Client	Control Center Lite-D, Control Center Pro (optional)	
Power	Input: 100-230VAC, 50/60 Hz,	
Power Consumption	Max 60W, Average 35W	
Operation Temperature	0 °C ~ +40°C	
Storage Temperature	-20 °C~ +60°C	
Operation Humidity	93% RH Below	
Storage Humidity	95% RH Below	
Dimension / Weight	420(W) x 294(D) x 98(H)mm / 12.13 lbs	

Specifications are Subject to Change without notice.

HMR Series High Performance Digital Video Recorder - Mpeg4

4/ 8/ 16 Channel Digital Video Recorder

HMR-04 Back Panel

HMR-08 Back Panel

HMR-16 Back Panel

Key Features

- OS: Embedded Linux
- NTSC or PAL video format are supported
- Internal storage up to 1.5TB
- M-PEG4 compression
- Average file size: 2.5~8 KB
- Multiplex function - simultaneous record, playback, network, backup
- Multiple video outputs: Composite, S-Video, Spot, VGA
- Hidden/ Covert camera feature
- Built in back up device: DVD-RW
- External back-up device support (USB 2.0) memory stick, external HDD
- Power failure recovery
- RS-422/485 for PTZ speed dome and keypad controller
- Keypad controller with joystick (optional) - Control multiple DVRs and PTZ
- Support various PTZ protocols
- Time sync. between multiple DVRs
- Up to 8 channel audio over network
- Software upgrade via USB memory stick
- IR Remote Controller - Control upto 99 DVRs
- Text Insert feature

Live Monitoring
Simultaneously monitor upto 64 cameras from multiple DVRs, in any combination. Control PTZ Speed Dome Cameras from remote site

System Configuration
Full configuration is possible from remote client software

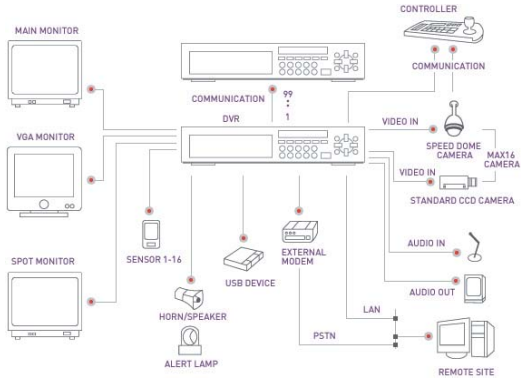
Remote Search
From remote location, search and playback recorded images. In addition, backup images into remote PC

Status Report
Connect upto 300 DVRs simultaneously and receive each DVRs status report in real time. DVR ID, HDD Fail, Alarm, Motion, Video Loss, Power Loss, Recording Off

4/ 8/ 16 Channel Digital Video Recorder

Excellent Network Features

- Multi-site/ Enterprise level client software
- Remote access & management from client PC
- Static and Dynamic IP supported
- Proprietary Dynamic DNS service for Plug-n-Play remote connection
- Automatic e-mail notification for Alarm, video loss, power loss, HDD failure



SPECIFICATIONS

MODEL NO.	HMR-04	HMR-08	HMR-16
Operating System	Embedded Linux		
Video Input (BNC, 1Vp-p)	4	8	16
Video Output (BNC, 1Vp-p)	Main Monitor, S-Video, Spot Out, VGA		
Loop Out (BNC, 1Vp-p)	4 with termination	8 with termination	16 with termination
Video Format	NTSC or PAL		
Live Display	1, 4, PIP	1, 4, 6, 8	1, 4, 6, 8, 9, 13, 16
Playback Displays	1, 4	1, 4, 6, 8	1, 4, 6, 8, 9, 13, 16
Video Compression Method	MPEG-4		
Multiplex Function	Simultaneous Live Display, Playback, Record, Back-up, Remote Transmission		
Live Display Resolution	720 x 480 (NTSC), 720 X 576 (PAL)		
Average File SIze	2.5~8 KB		
Live Display Rate	120pps (NTSC), 100pps (PAL)	240pps (NTSC), 200pps (PAL)	480pps (NTSC), 400pps (PAL)
Recording Rate & Resolution	NTSC: 120pps @ 360 X 240, 60pps @ 720 X 240, 30pps @ 720 x 480 , PAL: 100pps @ 360 X 288, 60pps @ 720 X 288, 25pps @ 720 x 576		
Alarm and Relay	4 Alarm Input, 1 Relay Output	8 Alarm Input, 2 Relay Output	16 Alarm Input, 2 Relay Output
System Control	Key Buttons, IR Remote Controller, Remote Client PC		
PTZ Control	PTZ Control via RS-485/ RS-422 (support preset, recall, and tour)		
Audio	4 channel input, 1 channel output	8 channel input, 1 channel output	8 channel input, 1 channel output
Display Settings	Brightness, Contrast, Color Adjustments, Hidden/Covert Per Channel		
Camera Title	8 Characters Per Channel		
Recording Modes	Continuous, Schedule, Alarm, Motion, Overwrite		
Recording Adjustments	8 Levels of Resolution with Recording Frame Rate Adjustment		
Pre-Alarm & Post Alarm Recording	Pre-Alarm: 140pps, Post-Alarm: 20 sec. ~ 240 sec.		
Motion Detection Per Channel	16 Selectable Grids with 15 Sensitivity Levels		
Search Modes	Time/ Date, Camera, Alarm, Motion		
Playback Modes	Forward & Reverse: Pause, Field by Field, Normal Speed, 2X, 4X, 8X, 16X		
Alarm Notification	Automatic E-mail Notify Alarm Triggered, Video Loss, Power Loss, HDD Failure		
Intelligent File System	Power failure recovery: Auto reboot with data-loss protection against power failure		
System Utility	2 Level Password Protection, Auto Lock/ Disk Format/ Disk Check/ Fan Lock Detection		
Internal Backup Device	DVD-RW		
External Backup Device	USB2.0 Memory Stick & External HDD		
Communication Port	USB2.0, RS-232C, RS-422/ 485, Ethernet		
Storage Capacity	3 Internal HDD Bay Up to 1.5TB		
Network	LAN, WAN, Internet, PSTN Line, TCP/IP, DHCP (DDNS Server), HTTP		
Dynamic IP Support over Cable	Dedicated Host ID per unit. DVR will automatically self reconfigure everytime IP address changes		
External Telephone Modem Support	RS-232C		
Remote Client Software	Central Monitoring Software, IE 6.0 and above		
IR Remote Controller	Control Up to 99 DVRs		
Power	100 ~ 230 VAC (50/60Hz)		
Dimensions	360 (W) x 340 (D) x 100 (H)mm		
Weight	13.23 lbs		
Operating Temperature	0°C ~ 40°C		

Specifications are Subject to Change without notice.

HMR Series High Performance Digital Video Recorder - Mpeg4

8/ 16 Channel Real Time Digital Video Recorder

HMR-08M

HMR-16Q

HMR-16M

Key Features

- OS: Embedded Linux
- NTSC or PAL video format are supported
- Real time recorder up to 480ips
- Internal storage up to 1.5TB
- M-PEG4 compression
- Average file size: 2.5~8 KB
- Multiplex function - simultaneous record, playback, network, backup
- Multiple video outputs: Composite, S-Video, Spot, VGA
- Hidden/ Covert camera feature
- Built in back up device: DVD-RW
- External back up device support (USB 2.0) memory stick, external HDD
- Power failure recovery
- RS-422/485 for PTZ speed dome and keypad controller
- Keypad controller with joystick (optional) - Control multiple DVRs and PTZ
- Support various PTZ protocols
- Time sync. between multiple DVRs
- Up to 16 channel audio over network
- Software upgrade via USB memory stick
- IR Remote Controller - Control upto 99 DVRs
- Text Insert feature

Live Monitoring
Simultaneously monitor up to 64 cameras from multiple DVRs, in any combination. Control PTZ Speed Dome Cameras from remote site

System Configuration
Full configuration is possible from remote client software

Remote Search
From remote location, search and playback recorded images. In addition, backup images into remote PC

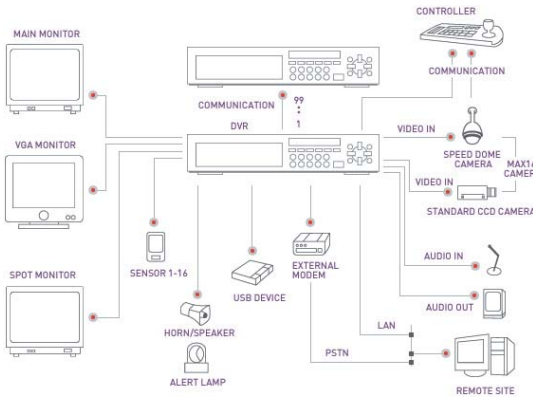
Status Report
Connect up to 300 DVRs simultaneously and receive each DVRs status report in real time. DVR ID, HDD Fail, Alarm, Motion, Video Loss, Power Loss, Recording Off

HMR Series High Performance Digital Video Recorder - Mpeg4

8/ 16 Channel Real Time Digital Video Recorder

Excellent Network Features

- Multi-site/ Enterprise level client software
- Remote access & management from client PC
- Static and Dynamic IP supported
- Proprietary Dynamic DNS service for Plug-n-Play remote connection
- Automatic e-mail notification for Alarm, video loss, power loss, HDD failure



SPECIFICATIONS

MODEL NO.	HMR-08M	HMR-16Q	HMR-16M
Operating System	Embedded Linux		
Video Input (BNC, 1Vp-p)	8	16	16
Video Output (BNC, 1Vp-p)	Main Monitor, S-Video, Spot Out, VGA		
Loop Out (BNC, 1Vp-p)	8 with termination	16 with termination	16 with termination
Video Format	NTSC or PAL		
Live Display	1, 4, 6, 7, 8	1, 4, 6, 7, 8, 9, 10, 13, 16	1, 4, 6, 7, 8, 9, 10, 13, 16
Playback Displays	1, 4, 6, 7, 8	1, 4, 6, 7, 8, 9, 10, 13, 16	1, 4, 6, 7, 8, 9, 10, 13, 16
Video Compression Method	MPEG-4		
Multiplex Function	Simultaneous Live Display, Playback, Record, Back-up, Remote Transmission		
Live Display Resolution	720 x 480 (NTSC), 720 X 576 (PAL)		
Average File SIze	2.5~8 KB		
Live Display Rate	240pps (NTSC), 200pps (PAL)	480pps (NTSC), 400pps (PAL)	480pps (NTSC), 400pps (PAL)
Recording Rate & Resolution NTSC:	240pps @ 360 X 240, 120pps @ 720 X 240, 60pps @ 720 x 480	480pps @ 360 X 240, 240pps @ 720 X 240, 120pps @ 720 x 480	
PAL:	200pps @ 360 X 288, 100pps @ 720 X 288, 25pps @ 720 x 576		
Alarm and Relay	8 Alarm Input, 4 Relay Output	16 Alarm Input, 4 Relay Output	16 Alarm Input, 4 Relay Output
System Control	Key Buttons, IR Remote Controller, Remote Client PC, Controller Keyboard		
PTZ Control	PTZ Control via RS-485/ RS-422 (support preset, recall, and tour)		
Audio	8 channel input, 1 channel output	16 channel input, 1 channel output	16 channel input, 1 channel output
Features			
Display Settings	Brightness, Contrast, Color Adjustments, Hidden/Covert Per Channel		
Camera Title	8 Characters Per Channel		
Recording Modes	Continuous, Schedule, Alarm, Motion, Overwrite		
Recording Adjustments	Recording Frame Rate Adjustment per Channel / Picture Quality Adjustment		
Pre-Alarm & Post Alarm Recording	Pre-Alarm: 4 seconds per channel, Post-Alarm: 20 sec. ~ 240 sec.		
Motion Detection Per Channel	16 Selectable Grids with 15 Sensitivity Levels		
Search Modes	Time/ Date, Camera, Alarm, Motion		
Playback Modes	Forward & Reverse: Pause, Field by Field, Normal Speed, 2X, 4X, 8X, 16X		
Alarm Notification	Automatic E-mail Notify Alarm Triggered, Video Loss, Power Loss, HDD Failure		
Intelligent File System	Power failure recovery: Auto reboot with data-loss protection against power failure		
System Utility	Multi Level Password Protection, Auto Lock/ Disk Format/ Disk Check/ Fan Lock Detection		
Internal Backup Device	DVD-RW		
External Backup Device	USB Thumb Drive & External HDD		
Communication Port	USB2.0, RS-232C, RS-422/ 485, Ethernet		
Storage	3 Internal HDD Bay Up to 1.5TB		
Network	LAN, WAN, Internet, PSTN Line, TCP/IP, DHCP (DDNS Server), HTTP		
Dynamic IP Support over Cable	Dedicated Host ID per unit. DVR will automatically self reconfigure everytime IP address changes		
External Telephone Modem Support	RS-232C		
Remote Client Software	Central Monitoring Software, Internet Explorer 6.0 and above		
IR Remote Controller	Control Up to 99 DVRs		
Power	100 ~ 240 VAC (50/60Hz)		
Dimensions	430 (W) x 450 (D) x 100 (H)mm		
Weight	19.84 lbs		
Operating Temperature	0°C ~ 40°C		

Specifications are Subject to Change without notice.

HJR Series High Performance Digital Video Recorder - Mpeg4

4/ 8/ 16 Channel Digital Video Recorder

NEW!

HJR-04H/ HJR-08H

HJR-16

HJR-04H Back Panel

HJR-04H Back Panel

HJR-16 Back Panel

Live Monitoring
Simultaneously monitor up to 64 cameras from multiple DVRs, in any combination. Control PTZ Speed Dome Cameras from remote site

System Configuration
Full configuration is possible from remote client software

Remote Search
From remote location, search and playback recorded images. In addition, backup images into remote PC

Status Report
Connect up to 300 DVRs simultaneously and receive each DVRs status report in real time. DVR ID, HDD Fail, Alarm, Motion, Video Loss, Power Loss, Recording Off

Key Features

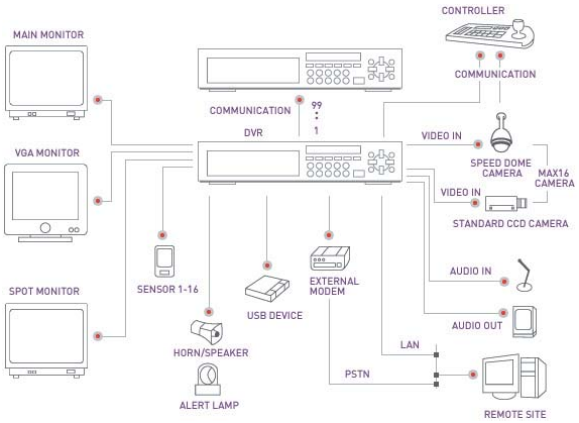
- OS: Embedded Linux
- NTSC or PAL video format are supported
- Internal storage up to 800G
- Triplex function - Simultaneous record, playback, network
- High resolution
- Advanced MPEG-4 compression on the 4 and 8 channel DVRs
- Wavelet compression on the 16 channel DVR
- Multiple video outputs: Composite, S-Video, VGA
- Hidden / Covert camera feature
- External back up device support USB memory stick
- Built-in back up device: DVD-RW
- Water marking with Digital signature
- RS-422/485 for PTZ Speed dome and keypad controller
- Keypad Controller with Joystick (Optional) - Control Multiple DVRs and PTZ Speed Domes
- Support Various PTZ Protocols
- 1 channel audio
- Software upgrade via USB memory stick
- IR Remote Controller - Control upto 99 DVRs

HJR Series High Performance Digital Video Recorder - Mpeg4

4/ 8/ 16 Channel Digital Video Recorder

Excellent Network Features

- Multi-site/ Enterprise level client software
- Remote access & management from client PC
- Static and Dynamic IP supported
- Proprietary Dynamic DNS service for Plug-n-Play remote connection
- Automatic e-mail notification for Alarm, video loss, power loss, HDD failure



SPECIFICATIONS

MODEL NO.	HJR-04H	HJR-08H	HJR-16
Operating System	Embedded Linux		
Video Input (BNC, 1Vp-p)	4	8	16
Video Output (BNC, 1Vp-p)	Main Monitor, S-Video, Spot Out, VGA		Main Monitor, S-Video, VGA
Loop Out (BNC, 1Vp-p)	4 with termination	8 with termination	16 with termination
Video Format	NTSC or PAL		
Live Display	1, 4, PIP	1, 4, 8	1, 4, 6, 8, 9, 13, 16
Playback Displays	1, 4	1, 4, 8	1, 4, 6, 8, 9, 13, 16
Video Compression Method	MPEG-4		Wavelet
Multiplex Function	Simultaneous Live Display, Playback, Record, Back-up, Remote Transmission		
Live Display Resolution	720 x 480 (NTSC), 720 X 576 (PAL)		
Average File SIze	2.5~8 KB		8~24 KB
Live Display Rate	120pps (NTSC), 100pps (PAL)	240pps (NTSC), 200pps (PAL)	480pps (NTSC), 400pps (PAL)
Recording Rate & Resolution	120pps @ 360 X 240, 60pps @ 720 X 240, 30pps @ 720 X 480 (NTCS),	100pps @ 360 X 288, 50pps @ 720 X 288, 25pps @ 720 X 576 (PAL)	
Alarm and Relay	4 Alarm Input, 1 Relay Output	8 Alarm Input, 1 Relay Output	16 Alarm Input, 1 Relay Output
System Control	Key Buttons, IR Remote Controller, Remote Client PC		
PTZ Control	PTZ Control via RS-485/ RS-422 (support preset, recall, and tour)		
Audio	1 channel input, 1 channel output		
Display Settings	Brightness, Contrast, Color Adjustments, Hidden/Covert Per Channel		
Camera Title	8 Characters Per Channel		
Recording Modes	Continuous, Schedule, Alarm, Motion, Overwrite		
Recording Adjustments	Recording Frame Rate Adjustment / Picture Quality Adjustment		
Pre-Alarm & Post Alarm Recording	Pre-Alarm: 4 sec / Post Alarm: 10 to 300 sec		Pre-Alarm: 140pps, Post-Alarm: 20 sec. ~ 240 sec.
Motion Detection Per Channel	16 Selectable Grids with 20 Sensitivity Levels		
Search Modes	Time/ Date, Camera, Alarm, Motion		
Playback Modes	Forward & Reverse: Pause, Field by Field, Normal Speed, 2X, 4X, 8X, 16X		
Alarm Notification	Automatic E-mail Notify Alarm Triggered, Video Loss, Power Loss, HDD Failure		
Intelligent File System	Power failure recovery: Auto reboot with data-loss protection against power failure		
System Utility	6 Level Password Protection, Auto Lock/ Disk Format/ Disk Check/ Fan Lock Detection		
Internal Backup Device	DVD-RW		CD-RW
External Backup Device	USB1.1 Memory Stick		USB2.0 Memory Stick
Communication Port	USB1.1, RS-232C, RS-422/ 485, Ethernet		USB2.0, RS-232C, RS-422/485, Ethernet
Storage	1 Internal HDD Bay, Up to 750GB		2 Internal HDD Bay, up to 800GB
Network	LAN, WAN, Internet, PSTN Line, TCP/IP, DHCP (DDNS Server), HTTP		
Dynamic IP Support over Cable	Dedicated Host ID per unit. DVR will automatically self reconfigure everytime IP address changes		
External Telephone Modem Support	RS-232C		
Remote Client Software	Central Monitoring Software, IE 6.0 and above		
IR Remote Controller	Control Up to 99 DVRs		
Power	100 ~ 230 VAC (50/60Hz) DC 12V, 5Amp		
Dimensions	350 (W) x 250 (D) x 180 (H)mm		360 (W) x 340 (D) x 100 (H)mm
Weight	8.60 lbs		13.2 lbs
Operating Temperature	0˚C ~ 40˚C		

Specifications are Subject to Change without notice.

Network Video Recorder

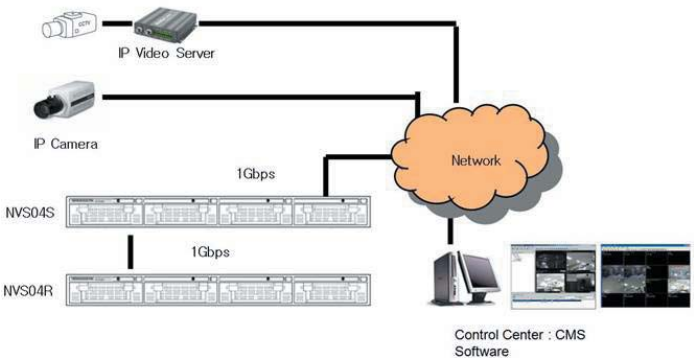
NEW!

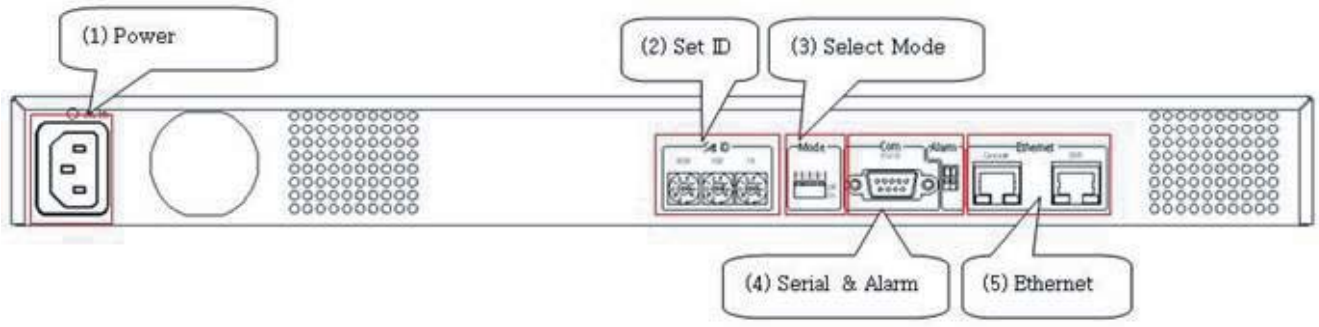
HNVS-04

Key Features

- Network Video Recorder (Stand-alone type)
- Support 16 IP videos
- Simultaneously support various IP cameras (HB-30), servers (HB-101M, HD-101M)
- Max. 8TB storage capacity with fast speed of Gigabit Ethernet Port
- Built-in 4 HDD racks with Hot-swappable SATA type
- Remote monitoring and controlling with Control Center Software
- Support RAID 5, 6 for data protection (Optional)
- Built-in 1 Gigabit Ethernet Port for network connection
- Built-in 1 Gigabit Ethernet Port for storage expansion
- Support IPFR (Intelligent Power Failure Recovery)

	Item	Description
System	CPU	32bit RISC Processor
	Flash Memory	32MB
	Main Memory	256MB
	OS	Embedded LINUX
	Storage Device	4 SATA Interface with hot-swap function
	Intelligent File System	Data-loss protection against power failure
Input/ Output	Network	
		1 Gigabit Ethernet port for Network
		1 Gigabit Ethernet for Storage Expansion
	Switch	3 Decimal SW for auto configuration
Environment	Operation Temperature	+5℃ ~ +40℃ (+41F ~ +113F)
	Storage Temperature	-10℃~55℃
	Operation Humidity	30%~80%, free of condensation
	Storage Humidity	93% below, free of condensation
Electricity	Power	AC 100~240V, 50/60Hz
	Power Consumption with 4HDD	TBD
Mechanical	Dimension (mm)	430(W) x 362(D) x 44(H)
	Weight	12.1 lbs (with one HDD)



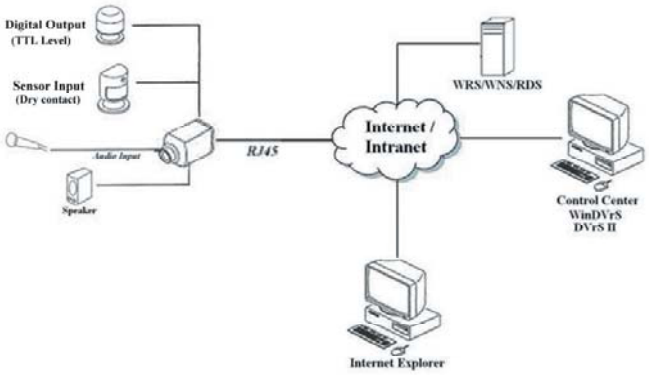


NEW!

IP Cameras

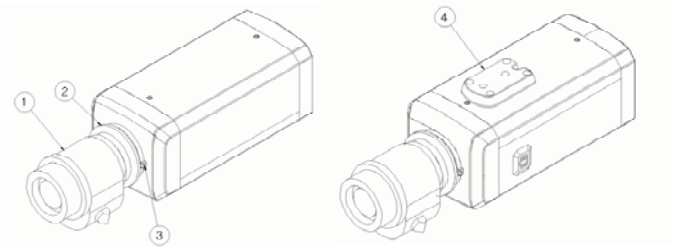
HE-30

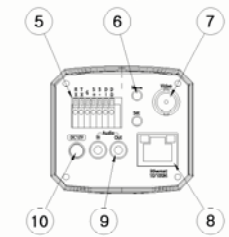
	Item		Description
System	CPU		32bit RISC Processor
	Flash Memory		32MB
	Main Memory		128MB (DDR2)
	OS		Embedded LINUX
Lens	Lens Mount		CS, C type Direct Driver
CCD Camera	CCD Format		1/3" Sony HAD High-Resolution Color CCD, 410k
	Video Type		NTSC / PAL
	Resolution		520 TV Lines (Min.)
	Effective Pixels		768x494 (NTSC) / 752x582 (PAL)
	Min. Lux Level		Color :0.3Lux (F1.2), B/W : 0.002Lux(Sense-up)
	AGC		Yes
	S/N Ratio		More than 50dB
	Day & Night		Automatically switch to monochrome mode
Image Compression	MPEG-4	Resolution	Up to 720x480 @ 30 frames per second
	JPEG	Resolution	Support D1(4CIF)/HALF(2CIF)/CIF/QCIF
	Performance		Support D1(4CIF)/HALF(2CIF)/CIF/QCIF
			Up to 8 streams simultaneously
Network	Program		Up to MPEG4 D1(4CIF) 60fps performance
	Protocol		Control Center, Web Browser
	Connection		WESP
	F/W Upgrade		10/100Mbps Ethernet (RJ-45)
	Simultaneous Users	Monitoring	Firmware upgrade via Network
		Configuration	Max. 10 Users
	Security		Max. 10 Users
Input / Output	Video		Encrypted Password, IP Filtering
	Audio		1 Ch Output
	Sensor Input		1 Input : Line-in, 1Vpp, 1 Output : Line-out, 1Vpp
	Digital Output Schedule		Software-controlled 1 Sensor Input (Dry contact)
			Daily : Day / Night / Four-segment time frame
			Weekly : Weekdays / Weekends
	Digital Output		Conditions : MD, Sensor
PTZ Control	Serial Port		Software-controlled 1 Digital outputs (TTL level)
	Control Method (Remote)		RS232, RS485
	Preset Mode		On-the-screen PTZ control on PC
Additional Function	Password Protection		64 points preset per channel
	Video Motion Detection		Yes
	FTP/E-mail Sending		Yes
Environments	Operation Temperature		Yes
	Storage Temperature		5℃~40℃
	Operation Humidity		-10℃~55℃
	Storage Humidity		30%~80%, free of condensation
			93% below, free of condensation
			Input : AC 110~220V
Electricity	DC Adaptor (optional)		Output : DC 12V 5A
	Power Consumption		Max. 6W (DC12V), 7W(PoE)
Mechanical	Dimension (W x D x H)		130.0(mm) x 60.0(mm) x 60(mm)
	Weight		6.6 lbs



Key Features

- 1ch network camera with MPEG4
- Multi Streams up to D1 60fps (Max. 8 Streams) simultaneously
- Support Dual-codec (MPEG4 & JPEG) simultaneously
- Support various resolution
- Built-in 1/3" Sony CCD, 410k Pixel
- 520TV Lines Resolution
- Day & Night Camera
- SNR(Super Noise Reduction) technology
- PoE (Power over Ethernet) optional
- Support bi-directional audio (1ch input & output with RCA type)
- 1 Sensor inputs (Dry contact) and 1 digital outputs (TTL Level)
- 1 RS232 and 1 RS485 for PTZ control
- Support Static or Dynamic IP for xDSL and Cable-Modem user
- Provide remote monitoring software (Control Center Software)
- IE Browser Viewing and Setting
- Support WESP SDK
- FCC, CE, MIC, RoHS





(1) Lens
(2) "+" shaped screw for fixing adjustment ring
(3) Flange back adjustment ring
(4) Bracket for fixing camera
(5) Input/Output Connector
(6) OSD button
(7) Video Output
(8) Ethernet
(9) Audio Input/Output
(10) DC Power Input

Video Server

	Item		Description
System	CPU		32bit RISC Processor
	Flash Memory		32MB
	Main Memory		128MB (DDR2)
	OS		Embedded LINUX
Image Compression	MPEG-4	Resolution	Up to 720x480 @ 30 frames per second
			Support D1(4CIF)/HALF(2CIF)/CIF/QCIF
	JPEG	Resolution	Support D1(4CIF)/HALF(2CIF)/CIF/QCIF
	Performance		Up to 8 streams simultaneously
Network			Up to MPEG4 D1(4CIF) 60fps performance
	Program		Control Center, Web Browser
	Protocol		WESP
	Connection		10/100Mbps Ethernet (RJ-45)
	F/W Upgrade		Firmware upgrade via Network
	Simultaneous Users	Monitoring	Max. 10 Users
		Configuration	Max. 10 Users
	Security		Encrypted Password, IP Filtering
Input / Output	Video		1 Input : CVBS(BNC)
			1 Output : CVBS(BNC)
	Audio		1 Input : Line-in, 1Vpp
			1 Output : Line-out, 1Vpp
	Sensor Input		Software-controlled 2 Sensor Inputs (Dry contact)
	Digital Output Schedule		Daily : Day / Night / Four-segment time frame
			Weekly : Weekdays / Weekends
			Conditions : MD, Sensor
PTZ Control	Digital Output		Software-controlled 2 Digital outputs (TTL level)
	Serial Port		RS232, RS422/485
	Control Method (Remote)		On-the-screen PTZ control on PC
Additional Function	Preset Mode		64 points preset per channel
	Password Protection		Yes
	Video Motion Detection		Yes
Environments	FTP/E-mail Sending		Yes
	Operation Temperature		5℃~45℃
	Storage Temperature		-10℃~55℃
	Operation Humidity		30%~80%, free of condensation
Electricity	Storage Humidity		93% below, free of condensation
	DC Adaptor (optional)		Input : AC 110~220V
			Output : DC 12V 5A
Mechanical	Power Consumption		Max. 5W (DC12V)
	Dimension (W x D x H)		124.0(mm) x 121.0(mm) x 33.0(mm)
	Weight		6.6 lbs

HB-101M

Key Features

- 1ch Video Server/ Encoder with MPEG4
- Multi Streams up to D1 60fps (Max. 8 Streams) simultaneously
- Support Dual-codec (MPEG4 & JPEG) simultaneously
- Support various resolution, D1(4CIF), HALF D1(2CIF), CIF ,QCIF for both MPEG4 & JPEG
- Support bi-directional audio (1ch input with RCA type)
- 2 sensor inputs (Dry contact) and 2 digital outputs (TTL Level)
- 1 RS232 and 1 RS422/485 for PTZ control
- Support Static or Dynamic IP for xDSL & Cable-Modem user
- Provide remote monitoring software (Control Center Software)
- IE Browser Viewing and Setting
- Support WESP SDK
- FCC, CE, MIC, RoHS

	Item		Description
System	CPU		32bit RISC Processor
	Flash Memory		32MB
	Main Memory		128MB (DDR2)
	OS		Embedded LINUX
Image Compression	MPEG-4	Resolution	Up to 720x480 @ 30 frames per second
			Support D1(4CIF)/HALF(2CIF)/CIF/QCIF
	JPEG	Resolution	Support D1(4CIF)/HALF(2CIF)/CIF/QCIF
Network	Program		Control Center
	Protocol		WESP
	Connection		10/100Mbps Ethernet (RJ-45)
	S/W Upgrade		Firmware upgrade via Network
	Security		Encrypted Password
Input / Output	Video		1 Ch Output for Analog Monitor
	Audio		1 Input : Line-in, 1Vpp
			1 Output : Line-out, 1Vpp
Additional Function	Key Input for OSD control		Yes
	Sequence Monitoring		Yes
	Keyboard for remote PTZ control		Yes
	Caption on Screen		Yes
Environments	Operation Temperature		5℃~45℃
	Storage Temperature		-10℃~55℃
	Operation Humidity		30%~80%, free of condensation
	Storage Humidity		93% below, free of condensation
Electricity	DC Adaptor (optional)		Input : AC 110~220V
			Output : DC 12V 5A
	Power Consumption		Max. 5W (DC12V)
Mechanical	Dimension (W x D x H)		124.0(mm) x 121.0(mm) x 33.0(mm)
	Weight		6.6 lbs

HD-101M

Key Features

- 1ch Video decoder with MPEG4
- Support various resolution, “D1(4CIF), HALF D1(2CIF), CIF, QCIF” for both MPEG4 & JPEG
- Support sequential monitoring up to 16 video server
- Support OSD of video server in non-PC environment
- Support keyboard connection via RS485 for controlling of video server’s PTZ
- Support Caption, such as name, frame rate, event and etc…
- Support bi-directional audio (1ch input & output with RCA type)
- 1 RS232 and 1 RS422/485 for PTZ control
- Support Static or Dynamic IP for xDSL and Cable-Modem user
- Support WESP SDK
- FCC, CE, MIC, RoHS

Video Server

Item			Description
System	OS		Embedded Linux
	Flash Memory		8MB
	Main Memory		16MB
	Video Input		6ch (BNC)
	CPU		32bit RISC Embedded Processor (MPC 850)
Image	Compression type		Wavelet
	Image Compression Rate		10:1 ~ 200:1
	Image Transfer Rate (360x243)	Single Ch Mode	Max. 30fps(NTSC) / 25fps(PAL)
		Multi Ch Mode	Max. 30fps(NTSC) / 25fps(PAL)
	Image Resolution	NTSC Type	720x486, 720x243, 360x243, 180x121, 90x60
		PAL Type	720x576, 720x288, 360x288, 180x144, 90x72
Network	Base T Networks		10 Base-T
	LAN Ports		1
	PSTN / ISDN		Yes
	Protocols		TCP/IP, ARP, RARP, ICMP, DHCP, FTP, SMTP, PPP, PPPoE
	Viewing Software		WebBrowser
	Security Function		Password (User, Admin), IP-filtering, Image encryption
	Max. Simultaneous Connection		100
Additional Function	Password protection		Yes
	Video motion detection		Yes
	Pre / Post Alarm Images		2sec/2sec
	Image Save / Print		Yes
	FTP / E-mail sending		Yes
Port & DIO	RS232 / RS485 / RS422 port		1 / 1 / 1
	Sensor Input		6 (DC 12V, 12mA) Dry Contact
	Alarm Output		6 (AC 250V, 100mA)
Environments	Operation Temperature		-10 C~45 C
	Storage Temperature		-25 C~70 C
	Operation Humidity		30%~80% RH
	Storage Humidity		93% RH Below
Power	Power Supply		Input : AC 110~220V
			Output : DC 12V 1.5A
	Power Consumption		7.2W (DC 12V) / 7.2W (AC 12V)
	Current Consumption		600mA (DC 12V) / 300mA (AC 24V)
Mechanical	Dimension (mm)		215.0 x 251.0 x 45.0
	Weight		3.3 lbs

HB-106

Key Features

- Max. 100 Simultaneous Users
- RS 232 and RS 485/RS422 Port Support for PTZ Control
- Wavelet Compression (30-300% greater efficiency than JPEG) for Higher Refresh Rate and Crisper Images
- E-Mail & FTP Function to Send Images when Alarm Triggered
- Dynamic IP (DHCP, Floating IP) support
- Certification : UL, CE LVD, FCC, CE, VCCI

Item		Description
Video Input		4 BNC connectors (NTSC/PAL)
Video Compression		Wavelet
Display	Speed	Max. 30/25fps (NTSC/PAL)
	Resolution	720x486, 720x243, 360x243, 180x121, 90x60 (NTSC)
		720x576, 720x288, 360x288, 180x144, 90x72 (PAL)
	Multi Screen	1, 4ch
Recording	Speed	Max. 30/25fps (NTSC/PAL)
	Resolution	720x486, 720x243, 360x243, 180x121, 90x60 (NTSC)
		720x576, 720x288, 360x288, 180x144, 90x72 (PAL)
	Internal	1 Removable HDD Rack (3.5")
Playback	Speed	Max. 30/25fps (NTSC/PAL)
	Resolution	720x486, 720x243, 360x243, 180x121, 90x60 (NTSC)
		720x576, 720x288, 360x288, 180x144, 90x72 (PAL)
	Multi Screen	1, 4ch
Pre / Post Alarm		None / 60sec
PTZ Protocol		RS232 / 485 / 422
Serial Port		RS232 / 485 / 422 Terminal Block
Alarm	Sensor In	4 (DC 12V, 12mA) Dry Contact
	Relay Out	4 (AC 250V, 100mA)
Network		1 RJ-45 (10 Ethernet)
Network Control		Software application: CamViewer II (supplied basically) Functions: Monitor, Search, Playback, PTZ
Protocol		TCP/IP, ARP, ICMP, DHCP, PPPoE
Operating System		Embedded Linux
Temperature Range	Operation	5 C~45 C
	Storage	-25 C~55 C
Relative Humidity	Operation	30~80% RH
	Storage	93% RH Below
Dimensions (mm)		306.0 x 298.0 x 67.0
Weight		7 lbs (without HDD)
Power Consumption		26.4W (DC12V)
Power Supply		Input Voltage: AC 90~240v, 50/60Hz Output Voltge: DC 12V, 3.5A

HB-104

Key Features

- Real-time image monitoring & playback over Network
- Configuration of various monitoring conditions
- Configuration of various recording conditions (Time, Sensor, Recording speed, etc)
- Max. Recording Rate: 30fps/1ch, 4fps/4ch
- RS 232 and RS 485/RS422 Port
- PTZ control over Network
- Dynamic IP (DHCP, Floating IP) support
- Extended integration with CamManager S/W
- Certification : UL, CE LVD, FCC, CE, VCCI

Day/Night Speed Dome Cameras, 36X Optical, 12X Digital

NEW!

HTZ-3600WBH

Day/ Night High Speed Dome Cameras 36X optical 12X Digital with **wall mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-3600WBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	200øx300(H)X425(D)mm

Shipping Weight **20 lbs** Unit per ctn **1pcs**

HTZ-3600DBH

Day/ Night High Speed Dome Cameras 36X optical 12X Digital with **ceiling pendent mount** vandal resistance out-door housing w/ heater and blower, 24VAC

Order #	HTZ-3600DBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	200øx480(H)mm

Shipping Weight **19 lbs** Unit per ctn **1pcs**

HTZ-3600PBH

Day/ Night High Speed Dome Cameras 36X optical 12X Digital with **pole mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-3600PBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	270øx300(H)x475(D)mm

Shipping Weight **21.55 lbs** Unit per ctn **1pcs**

HTZ-3600CBH

Day/ Night High Speed Dome Cameras 36X optical 12X Digital with **corner mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-3600CBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	320øx300(H)x575(D)mm

Shipping Weight **23 lbs** Unit per ctn **1pcs**

HTZ-3600RBH

Day/ Night High Speed Dome Cameras 36X optical 12X Digital with **roof top** mount vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-3600RBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	280(W)x630(H)x775(D)mm

Shipping Weight **35 lbs** Unit per ctn **1pcs**

Day/Night Speed Dome Cameras, 36X Optical, 12X Digital, Interior

HTZ-3600IR

Day/ Night High Speed Dome Cameras 36X optical 12X Digital with **recess mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-3600IR
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	250øx240(H)mm

Shipping Weight
8 lbs
Unit per ctn
1pcs

HKB-300

Speed Dome Controller up to 255 units
Communication protocol: RS-485/422

Order #	HKB-300
Certificate	CE, FCC, RoHS
Dimension	508x311x152mm

Shipping Weight
6 lbs
Unit per ctn
1pcs

- High resolution SONY Ex-view CCD
- X432 Zoom Control (Optical X36, Digital X12)
- Zoom module: FCB-EX1000
- Day & Night (IR Cut Filter)
- Digital Slow Shutter (DSS)
- Speed: max. 360 ° sec, min. 0.05 ° sec
- Rotation angle: Horizontal-360° continuous rotation,
- Low Noise & Vibration
- 128 Preset Positions with Alphanumeric Labels
- Communication protocol: RS-485
- Shortest Path with Vector Drive Technology
- 4 Pattern, 8 Swing and 8 Group Functions
- 8 Privacy Zones (Spherical Coordinates)
- High Accuracy with Micro-Stepping
- Built-in Sensor 4 Input/ 2 output
- Communication baud rate: 9600bps, 4800bps, 2400bps
- Controller: Communicates with HKB-300 speed dome controller up to 255 units
- 24VAC
- CE, FCC, RoHS, IP 66

Day/Night Speed Dome Cameras, 26X Optical, 12X Digital

NEW!

HTZ-2600WBH

Day/ Night High Speed Dome Cameras 26X optical 10x Digital with **wall mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-2600WBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	200øx300(H) X425(D)mm

Shipping Weight **20 lbs** Unit per ctn **1pcs**

HTZ-2600DBH

Day/ Night High Speed Dome Cameras 26X optical 10x Digital with **ceiling pendant mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-2600DBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	200øx480(H)mm

Shipping Weight **19 lbs** Unit per ctn **1pcs**

HTZ-2600PBH

Day/ Night High Speed Dome Cameras 26X optical 10x Digital with **pole mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-2600PBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	270øx300(H)x475(D)mm

Shipping Weight **21.55 lbs** Unit per ctn **1pcs**

HTZ-2600CBH

Day/ Night High Speed Dome Cameras 26X optical 10x Digital with **corner mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-2600CBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	320øx300(H)x575(D)mm

Shipping Weight **23 lbs** Unit per ctn **1pcs**

HTZ-2600RBH

Day/ Night High Speed Dome Cameras 26X optical 10x Digital with **roof top mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-2600RBH
CCD Sensor	SONY Ex-view
Certificate	CE, FCC, RoHS, IP 66
Dimension	280(W)x630(H)x775(D)mm

Shipping Weight **35 lbs** Unit per ctn **1pcs**

Day/Night Speed Dome Cameras, 26X Optical, 12X Digital, Interior

HTZ-2600IR

Day/ Night High Speed Dome Cameras 26X optical 10x Digital with **recess mount**, 24VAC

Order #	HTZ-2600IR
CCD Sensor	SONY
Certificate	CE, FCC, RoHS
Dimension	218.5Øx224mm

Shipping Weight 9 lbs
Unit per ctn **1pcs**

HTZ-2600IC

Day/ Night High Speed Dome Cameras 26X optical 10x Digital with **ceiling pendent mount**, 24VAC

Order #	HTZ-2600IC
CCD Sensor	SONY
Certificate	CE, FCC, RoHS
Dimension	218.5ØX224mm

Shipping Weight 10 lbs
Unit per ctn **1pcs**

HKB-300

Speed Dome Controller up to 255 units
Communication protocol: RS-485/422

Order #	HKB-300
Certificate	CE, FCC, RoHS
Dimension	508x311x152mm

Shipping Weight 6 lbs
Unit per ctn **1pcs**

Key Features

- High resolution SONY EX-view CCD
- 26x Optical zoom, 12x Digital zoom
- Zoom module: FCB-EX980
- Day/ Night feature - filter change at 0.01 lux
- Rotation angle: Horizontal-360° continuous rotation, Vertical-90°
- Proportional speed- increases and decreases panning in proportion to depth of zoom
- 128 Camera angle preset positions
- Speed control with 64 steps
- Alarm input: 4 channel alarm input
- Private masking zone function
- Communication protocol: RS-485/422
- Communication baud rate: 9600bps, 4800bps, 2400bps
- Controller: Associate with HKB-300 speed dome controller up to 255 units
- 24VAC
- CE & FCC

Day/Night Speed Dome Cameras, 18X Optical, 12X Digital

HTZ-1800WBH

High Speed Dome Cameras 18X optical 12x Digital with **wall mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-1800WBH
CCD Sensor	SONY
Certificate	CE, UL, FCC, RoHS, IP 66, MA
Dimension	218.5Øx224mm

Shipping Weight **14 lbs** Unit per ctn **1pcs**

HTZ-1800DBH

High Speed Dome Cameras 18X optical 12x Digital with **ceiling pendant mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-1800DBH
CCD Sensor	SONY
Certificate	CE, UL, FCC, RoHS, IP 66, MA
Dimension	218.5Øx224mm

Shipping Weight **14 lbs** Unit per ctn **1pcs**

HTZ-1800PBH

High Speed Dome Cameras 18X optical 12x Digital with **pole mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-1800PBH
CCD Sensor	SONY
Certificate	CE, UL, FCC, RoHS, IP 66, MA
Dimension	330x229x406mm

Shipping Weight **16 lbs** Unit per ctn **1pcs**

HTZ-1800CBH

High Speed Dome Cameras 18X optical 12x Digital with **corner mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-1800CBH
CCD Sensor	SONY
Certificate	CE, UL, FCC, RoHS, IP 66, MA
Dimension	305x470x622mm

Shipping Weight **20 lbs** Unit per ctn **1pcs**

HTZ-1800RBH

High Speed Dome Cameras 18X optical 12x Digital with **roof top mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-1800RBH
CCD Sensor	SONY
Certificate	CE, UL, FCC, RoHS, IP 66, MA
Dimension	406x241x686mm

Shipping Weight **28 lbs** Unit per ctn **1pcs**

Day/Night Speed Dome Cameras, 18X Optical, 12X Digital, Interior

HTZ-1800IR

High Speed Dome Cameras 18X optical 12x Digital with **recess mount**, 24VAC

Order #	HTZ-1800IR
CCD Sensor	SONY
Certificate	CE, FCC, RoHS
Dimension	218.5Øx224mm

Shipping Weight **9 lbs** Unit per ctn **1pcs**

HTZ-1800IC

High Speed Dome Cameras 18X optical 12x Digital with **ceiling pendent mount**, 24VAC

Order #	HTZ-1800IC
CCD Sensor	SONY
Certificate	CE, FCC, RoHS
Dimension	218.5ØX224mm

Shipping Weight **10 lbs** Unit per ctn **1pcs**

HKB-300

Speed Dome Controller up to 255 units
Communication protocol: RS-485/422

Order #	HKB-300
Certificate	CE, FCC, RoHS
Dimension	508x311x152mm

Shipping Weight **6 lbs** Unit per ctn **1pcs**

Key Features

- High resolution SONY super HAD CCD
- 18x Optical zoom, 12x Digital zoom, total 216x
- Zoom module: FCB-EX48B/EX48BP
- Rotation angle: Horizontal-360° continuous rotation, Vertical-90°
- Proportional speed- increases and decreases panning in proportion to depth of zoom
- 128 Camera angle preset positions
- Speed control with 64 steps
- Alarm input: 4 channel alarm input
- Private masking zone function
- Communication protocol: RS-485/422
- Communication baud rate: 9600bps, 4800bps, 2400bps, 1200bps
- Controller: Associate with HKB-300 speed dome controller up to 255 units
- 24VAC
- CE & FCC

Day/Night Speed Dome Cameras, 10X Optical, 10X Digital

NEW!

HTZ-1000ISWBH

Day/ Night High Speed Dome Cameras 10X optical 10X Digital with **wall mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-1000ISWBH
CCD Sensor	SONY
Certificate	CE, FCC, Rohs, IP66
Dimension	147.5øx141(H) mm

Shipping Weight **9.39 lbs** Unit per ctn **4pcs**

HTZ-1000ISDBH

Day/ Night High Speed Dome Cameras 10X optical 10X Digital with **ceiling pendent mount** vandal resistance outdoor housing w/ heater and blower, 24VAC

Order #	HTZ-1000ISDBH
CCD Sensor	SONY
Certificate	CE, FCC, Rohs, IP66
Dimension	147.5øx141(H) mm

Shipping Weight **9.39 lbs** Unit per ctn **4pcs**

Day/Night Speed Dome Cameras, 10X Optical, 10X Digital, Interior

HTZ-1000WIS

Day/ Night High Speed Dome Cameras 10X optical 10X Digital with **wall mount** brackets, interior, 24VAC

Order #	HTZ-1000WIS
CCD Sensor	SONY
Certificate	CE, FCC, Rohs
Dimension	147.5øx141(H)mm

Shipping Weight **6.39 lbs** Unit per ctn **4pcs**

HTZ-1000CIS

Day/ Night High Speed Dome Cameras 10X optical 10X Digital with **ceiling pendent mount** brackets, interior, 24VAC

Order #	HTZ-1000CIS
CCD Sensor	SONY
Certificate	CE, FCC, Rohs
Dimension	175(W)x300(D)x361(H)mm

Shipping Weight **6.35 lbs** Unit per ctn **4pcs**

HTZ-1000IS

Day/ Night High Speed Dome Cameras 10X optical 10X Digital with **ceiling surface mount**, interior, 24VAC

Order #	HTZ-1000IS
CCD Sensor	SONY
Certificate	CE, FCC, Rohs
Dimension	175(W)x175(D)x141(H)mm

Shipping Weight **3.26 lbs** Unit per ctn **4pcs**

Key Features

- High resolution SONY super HAD CCD
- X100 Zoom Control (Optical X10, Digital X10)
- Zoom module: SDM-100N
- Day & Night (IR Cut Filter)
- On-Screen Display On/Off
- Digital Slow Shutter (DSS)
- Speed: max. 360 ° sec, min. 0.05 ° sec
- Rotation angle: Horizontal-360° continuous rotation
- Low Noise & Vibration
- 128 Preset Positions with Alphanumeric Labels
- Communication protocol: RS-485
- Shortest Path by Vector Drive Technology
- 4 Pattern, 8 swing and 8 group functions
- 4 Privacy Zones (Spherical Coordinates)
- High Accuracy with Micro-Stepping
- Built-in Sensor 4 input/ 2 output
- Communication baud rate: 9600bps, 4800bps,
- 2400bps, 1200bps
- Controller: Associate with HKB-300 speed dome
- Controller up to 255 units
- 24VAC
- CE, FCC, Rohs, IP66

WDR Box Cameras

HTC-65GWD

1/3" PIXIM High Resolution ORCA CMOS
Pick up Device: 1/3 type digital image device with Wide Dynamic Range, 480 TVL
Day/Night function
High-speed, automatic 5-level exposure control for each pixel
Automatic tracking white balance (ATW): single-push and manual
Auto-iris mode: Direct Drive & Video Drive switch
OSD manual
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC 12V, dual voltage

Order #	HTC-65GWD
CCD Sensor	Pixiom orca
Certificate	CE, RoHS
Dimension	117X57X57mm

Shipping Weight
0.9 lbs
Unit per ctn
20pcs

WDR Dome Cameras

HTC-11GWD28D

1/3" PIXIM High Resolution ORCA CMOS
Pick up Device: 1/3 type digital image device with Wide Dynamic Range, 480 TVL
Vandal Resistance, water resistance
Day/ Night Feature, Sensitive to 850~940nm IR Ray, OSD manual
High-speed, automatic 5-level exposure control for each pixel
Automatic tracking white balance (ATW): single-push and manual
Lens: Auto Iris Vari-Focal 2.8-10mm auto iris day & night lens
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC 12V, dual voltage

Order #	HTC-11GWD28D
CCD Sensor	Pixiom orca
Certificate	CE, RoHS
Dimension	H97xØ137mm

Shipping Weight
2.2 lbs
Unit per ctn
20pcs

HTC-11GWD28DID

1/3" PIXIM High Resolution ORCA CMOS
Pick up Device: 1/3 type digital image device with Wide Dynamic Range, 480 TVL
Vandal Resistance, water resistance, build in IR illuminator
Day/ Night Feature, Sensitive to 850~940nm IR Ray, OSD manual
High-speed, automatic 5-level exposure control for each pixel
Automatic tracking white balance (ATW): single-push and manual
Lens: Auto Iris Vari-Focal 2.8-10mm auto iris day & night lens
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC 12V, dual voltage

Order #	HTC-11GWD28DID
CCD Sensor	Pixiom orca
Certificate	CE, RoHS
Dimension	H110xØ142mm

Shipping Weight
2.3 lbs
Unit per ctn
20pcs

WDR Bullet Cameras

HTC-7WD28DID

1/3" PIXIM High Resolution ORCA CMOS
Pick up Device: 1/3 type digital image device with Wide Dynamic Range, 480 TVL
Water resistance, build in IR illuminator
Day/ Night Feature, Sensitive to 850~940nm IR Ray, OSD manual
High-speed, automatic 5-level exposure control for each pixel
Automatic tracking white balance (ATW): single-push and manual
Lens: Auto Iris Vari-Focal 2.8-10mm auto iris day & night lens
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC 12V, dual voltage

Order #	HTC-7WD28DID
CCD Sensor	Pixiom orca
Certificate	CE, RoHS
Dimension	Ø80x128mm

Shipping Weight
1.32 lbs
Unit per ctn
20pcs

Box Type CCD Cameras

Standard Color CCD Cameras

HTC-66EL

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Brightness level control for Direct Drive iris lens
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC12V, dual Volt

Order #	HTC-66EL
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	123X60X60mm

Shipping Weight
1.2 lbs
Unit per ctn
20pcs

HTC-65AL

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Brightness level control for Direct Drive iris lens
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC12V, dual Volt

Order #	HTC-65AL
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	123X60X60mm

Shipping Weight
1.2 lbs
Unit per ctn
20pcs

HTC-65D

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Brightness level control for Direct Drive iris lens
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 220mA

Order #	HTC-65D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	123X60X60mm

Shipping Weight
0.88 lbs
Unit per ctn
20pcs

Standard B/W CCD Cameras

HTB-686L

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
Brightness level control for Direct Drive iris lens
AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V, 3.5W

Order #	HTB-686L
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	123X60X60mm

Shipping Weight **1.13 lbs** Unit per ctn **20pcs**

HTB-686D

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
Brightness level control for Direct Drive iris lens
AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 125mA

Order #	HTB-686D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	123X60X60mm

Shipping Weight **0.87 lbs** Unit per ctn **20pcs**

HTB-683L

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, 0.01Lux
Brightness level control for Direct Drive iris lens
BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V, 3W

Order #	HTB-683L
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	123X60X60mm

Shipping Weight **1.31 lbs** Unit per ctn **20pcs**

HTB-683D

1/3" B/W Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .1Lux
Brightness level control for Direct Drive iris lens
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 115mA

Order #	HTB-683D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	123X60X60mm

Shipping Weight **0.88 lbs** Unit per ctn **20pcs**

Recommended Parts

Type	Focal Length	Angle of View	Fixed lens	Manual Iris	DC Auto-Iris	DVR	Timelapse	Multiplexer
Fixed	1.7mm	170 deg	HTL-1720/R	N/A	N/A	HVR-Series	VCR-960T	HCM-16CE
	2.9mm	95 deg	HTL-2929/R	N/A	N/A	HMR-Series		HCM-09CE
	4.0mm	60 deg	HTL-4020/R	N/A	N/A	HJR-Series		HCM-04CE
	6.0mm	50 deg	HTL-6020/R	N/A	N/A			
	8.0mm	30 deg	HTL-8020/R	N/A	N/A			
	12.0mm	25 deg	HTL-1220/R	N/A	N/A			
	16.0mm	20 deg	HTL-1620/R	N/A	N/A			
Vari-Focal	1.6-3.4mm	180-84.3 deg	N/A	HTL-1634	HTL-1634D	Maximum extensible coaxial cable length		
	2.8-12mm	95-25 deg	N/A	HTL-2812	HTL-2812D	RG-59/U,95%	RG-59/U 80%	UTP associates
	3-8mm	89-30 deg	N/A	HTL-3080	HTL-3080D			with Hunt
	5-50mm	60-10 deg	N/A	HTL-0550	HTL-0550D			HTA-TTP111VL
	5.5-82.5mm	47.1-2.5 deg	N/A	HTL-5808	HTL-5808D	1000FT	825FT	1500FT

Day/ Night Cameras

Standard Day/Night Cameras

HTC-65G

1/3" Color Day/ Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Brightness level control for Direct Drive iris lens
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC12V, dual Volt

Order #	HTC-65G
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	123X60X60mm

Shipping Weight **1.13 lbs** Unit per ctn **20pcs**

HTC-65C

1/3" Color Day/ Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 1/0.08
Brightness level control for Direct Drive iris lens
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive & Video Drive switch
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Power Supply: AC 24V/DC12V, dual Volt

Order #	HTC-65C
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	123X60X60mm

Shipping Weight **1.13 lbs** Unit per ctn **20pcs**

Day/Night Dome Cameras - Interior

HTC-105E-24DN

1/3" Color Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-105E-24DN
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **0.87 lbs** Unit per ctn **20pcs**

H105E24VFAI4T9DN

1/3" Color Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W

Notes: Also available in manual iris H105E24VM4T9DN

Order #	H105E24VFAI4T9DN
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **1 lbs** Unit per ctn **20pcs**

HTC-105A-24DN

1/3" Color Day/ Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 1/0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4W

Order #	HTC-105A-24DN
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **0.87 lbs** Unit per ctn **20pcs**

H105A24VFAI4T9DN

1/3" Color Day/ Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 1/0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4W
Also available in manual iris H105A24VM4T9DN

Order #	H105A24VFAI4T9DN
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **1 lbs** Unit per ctn **20pcs**

Vandal Resistant Day/Night Dome Cameras - Exterior

HTC-11G1850DDN

1/3" Color Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 18~50mm, DC driver
Power Supply: AC 24V, 4.5W

Order #	HTC-11G1850DDN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H110XØ142mm

Shipping Weight **2.2 lbs** Unit per ctn **20pcs**

HTC-11G36DN

1/3" Color Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-11G36DN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimesion	H97XØ137mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-11G48DDN

1/3" Color Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Notes: Also available in manual iris HTC-11G48MDN

Order #	HTC-11G48DDN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H97XØ137mm

Shipping Weight **2.31 lbs** Unit per ctn **20pcs**

HTC-11C36DN

1/3" Color Day/ Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
ensitivity D/N: 1/0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4W

Order #	HTC-11C36DN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H97XØ137mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-11C48DDN

1/3" Color Day/ Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 1/0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4W

Notes: Also available in manual iris HTC-11C48MDN

Order #	HTC-11C48DDN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H97XØ137mm

Shipping Weight **2.31 lbs** Unit per ctn **20pcs**

Day/ Night Cameras

Vandal Resistant Day/Night Dome Cameras - Exterior

HTC-10EG36DN

1/3" Color Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-10EG36DN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	127x127x96.5mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-10EG48DDN

1/3" Color Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 2/ 0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Notes: Also available in manual iris HTC-10EG48MDN

Order #	HTC-10EG48DDN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	127x127x96.5mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

HTC-10EC36DN

1/3" Color Day/ Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 1/0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4W

Order #	HTC-10EC36DN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	127x127x96.5mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-10EC48DDN

1/3" Color Day/ Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Sensitivity D/N: 1/0.08
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4W
Notes: Also available in manual iris HTC-10EC48MDN

Order #	HTC-10EC48DDN
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	127x127x96.5mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

IR Dome Cameras - Exterior

NEW!

HTC-11G36IR

1/3" Color IR Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Built in 24 IR illuminator
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Sensitivity D/N: 2/ 0.08
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed iris lens 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-11G36IR
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H97xØ137mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

HTC-11C36IR

1/3" Color IR Day/Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Built in 24 IR illuminator
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Sensitivity D/N: 2/ 0.08
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed iris lens 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-11C36IR
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H97xØ137mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

IR Day/Night Vandal Dome Cameras with IR Cut Filter - Exterior

NEW!

HTC-11G28DID

1/3" Color IR Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Built in 12 IR illuminator
Sensitivity D/N: 2/ 0.08
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 2.8-10mm auto iris day & night lens
Power Supply: AC 24V, 4.5W

Order #	HTC-11G28DID
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H97xØ137mm

Shipping Weight **2.31 lbs** Unit per ctn **20pcs**

HTC-11C28DID

1/3" Color IR Day/Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Built in 12 IR illuminator
Sensitivity D/N: 1/ 0.8
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 2.8-10mm auto iris day & night lens
Power Supply: AC 24V, 4.5W

Order #	HTC-11C28DID
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	H97xØ137mm

Shipping Weight **2.31 lbs** Unit per ctn **20pcs**

IR Dome Cameras - Interior

HTC-15G36

1/3" Color High Resolution IR Cameras
Built in 850nm of IR ray, IP 68 water resistant
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, 0 Lux
Built in 24 IR with CDS on/off auto control
IR range: 80 ft.
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction Lens: Fixed 3.6mm
Power Supply: DC 12V, 450mA

Order #	HTC-15G36
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	H131.2xØ99.2mm

Shipping Weight **1.06 lbs** Unit per ctn **20pcs**

HTC-15C36

1/3" Color Medium Resolution IR Cameras
Built in 850nm of IR ray, IP 68 water resistant
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 0 Lux
Built in 24 IR with CDS on/off auto control
IR range: 80 ft.
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Fixed 3.6mm
Power Supply: DC 12V, 450mA

Order #	HTC-15C36
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	H131.2 x Ø 99.2mm

Shipping Weight **1.06 lbs** Unit per ctn **20pcs**

IR Day/Night Dome Cameras with IR Cut Filter - Interior

HTC-15G28DID

1/3" Color IR Day/Night High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Built in 12 IR illuminator
Sensitivity D/N: 2/ 0.08
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 2.8-10mm auto iris day & night lens
Power Supply: AC 24V, 4.5W

Order #	HTC-15G28DID
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	H131.2xØ99.2mm

Shipping Weight **1.12 lbs** Unit per ctn **20pcs**

HTC-15C28DID

1/3" Color IR Day/Night Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL
Day/ Night Feature, Sensitive to 850~940nm IR Ray
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Built in 12 IR illuminator
Sensitivity D/N: 1/ 0.8
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto Iris Vari-Focal 2.8-10mm auto iris day & night lens
Power Supply: AC 24V, 4.5W

Order #	HTC-15C28DID
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	H131.2xØ 99.2mm

Shipping Weight **1.12 lbs** Unit per ctn **20pcs**

Long Range IR Bullet Cameras with IR Cut Filter

HTC-7AH550D

1/3 Color High Resolution IR Cameras
Built in 850nm of IR ray, IP 66 water resistant
Pick up Device: 1/3 CCD image sensor for High Resolution: 550TVL
Built in 30 Power IR with CDS on/off auto control
IR range: 300ft.
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Auto iris vari-focal 5~50mm Direct Drive, external adjustment
Power Supply: AC 24V, 4.5W/ DC12V 4.75W dual voltage

Order #	HTC-7AH550D
CCD Sensor	SONY
IR LED	30
Dimension	Ø98Hx291.5mm

Shipping Weight **4.06 lbs** Unit per ctn **20pcs**

HTC-7AH10Z

1/4 Color High Resolution Manual Zoom Cameras, 10X
Built in 850nm of IR ray, IP 66 water resistant
Pick up Device: 1/4 CCD image sensor for High Resolution: 540TVL
Built in 33 Power IR with CDS on/off auto control
IR range: 150ft.
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: 10X Zoom lens, f=3.8~38mm f1.8 to 2.8, external adjustment
RS485: Pelco D,9600bps and above
Power Supply: AC 24V, 460mA/ DC12V, 800mA dual voltage

Order #	HTC-7AH10Z
CCD Sensor	SONY
IR LED	33
Dimension	Ø80x128mm

Shipping Weight **3.5 lbs** Unit per ctn **20pcs**

HTC-7AH2910HD

1/3 Color High Resolution IR Cameras
Built in 850nm of IR ray, IP 66 water resistant
Pick up Device: 1/3 CCD image sensor for High Resolution: 540TVL
Built in 80 IR with CDS on/off auto control
IR range: 150ft.
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Auto iris vari-focal 2.9~10mm Direct Drive, external adjustment
Power Supply: DC12V 1.0A

Order #	HTC-7AH2910HD
CCD Sensor	SONY
IR LED	80
Dimension	Ø122.5x128mm

Shipping Weight **5 lbs** Unit per ctn **20pcs**

HTC-7AH2910D

1/3 Color High Resolution IR Cameras
Built in 850nm of IR ray, IP 66 water resistant
Pick up Device: 1/3 CCD image sensor for High Resolution: 540TVL
Built in 33 IR with CDS on/off auto control
IR range: 100ft.
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Auto iris vari-focal 2.9~10mm Direct Drive, external adjustment
Power Supply: AC 24V 400mA/DC12V 650mA, dual voltage

Order #	HTC-7AH2910D
CCD Sensor	SONY
IR LED	33
Dimension	Ø80x128mm

Shipping Weight **3 lbs** Unit per ctn **20pcs**

HTC-7AH36D

1/3 Color High Resolution IR Cameras
Built in 850nm of IR ray, IP 66 water resistant
Pick up Device: 1/3 CCD image sensor for High Resolution: 540TVL
Built in 6 power IR with CDS on/off auto control
IR range: 200ft.
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: 3.6mm (4.3, 6.0, 8.0, 12.0mm optional)
Power Supply: DC12V 1.0A

Order #	HTC-7AH36D
CCD Sensor	SONY
IR LED	6
Dimension	Ø122.5x128mm

Shipping Weight **5.12 lbs** Unit per ctn **20pcs**

NEW!

HTC-5AH2810D

1/3 Color High Resolution IR Cameras
Built in 850nm of IR ray, IP 66 water resistant
Pick up Device: 1/3 CCD image sensor for High Resolution: 540TVL
Built in 18 IR with CDS on/off auto control
IR range: 60ft.
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Auto iris vari-focal 2.8~10mm Direct Drive, external adjustment
Power Supply: AC 24V 400mA/DC12V 650mA, dual voltage

Order #	HTC-5AH2810D
CCD Sensor	SONY
IR LED	18
Dimension	75øx180.5(H)mm

Shipping Weight **1.45 lbs** Unit per ctn **20pcs**

IR Bullet Cameras

HTC-79G

1/3" Color High Resolution IR Cameras
Built in 850nm of IR ray, IP 68 water resistant
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, 0 Lux
Built in 24 IR with CDS on/off auto control
IR range: 80 ft.
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction Lens: Fixed 6.0mm
Power Supply: DC 12V, 450mA

Order #	HTC-79G
CCD Sensor	SONY
IR LED	24
Dimension	D103.5XØ68mm

Shipping Weight **1.68 lbs** Unit per ctn **20pcs**

HTC-79C

1/3" Color Medium Resolution IR Cameras
Built in 850nm of IR ray, IP 68 water resistant
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 0 Lux
Built in 24 IR with CDS on/off auto control
IR range: 80 ft.
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Fixed 6.0mm
Power Supply: DC 12V, 450mA

Order #	HTC-79C
CCD Sensor	SONY
IR LED	24
Dimension	D103.5XØ68mm

Shipping Weight **1.43 lbs** Unit per ctn **20pcs**

HTC-76N

1/3" Color Medium Resolution IR Cameras
Built in 850nm of IR ray, IP 68 water resistant
Pick up Device: 1/4" CCD image sensor for Medium Resolution: 400TVL, 0 Lux
Built in 12 IR with CDS on/off auto control
IR range: 40 ft.
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Fixed 6.0mm
Power Supply: DC 12V, 250mA

Order #	HTC-76N
CCD Sensor	SONY
IR LED	12
Dimension	D60XØ50mm

Shipping Weight **1.06 lbs** Unit per ctn **20pcs**

HTC-763

1/3" B/W Medium Resolution IR Cameras
Built in 850nm of IR ray, IP 68 water resistant
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, 0 Lux
Built in 12 IR with CDS on/off auto control
IR range: 40 ft.
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Lens: Fixed 3.6mm
Power Supply: DC 12V, 250mA

Order #	HTC-763
CCD Sensor	SONY
IR LED	12
Dimension	D60XØ50mm

Shipping Weight **1.06 lbs** Unit per ctn **20pcs**

HTC-790

Built in 36 IR with CDS on/off auto control
Built in 850nm of IR ray, IP 68 water resistant
IR range: 80 ft.
Power Supply: DC 12V, 450mA

Order #	HTC-790
IR LED	36
Dimension	D103.5XØ68mm

Shipping Weight **1.38 lbs** Unit per ctn **20pcs**

HTC-760

Built in 24 IR with CDS on/off auto control
Built in 850nm of IR ray, IP 68 water resistant
IR range: 40 ft.
Power Supply: DC 12V, 250mA

Order #	HTC-760
IR LED	24
Dimension	D60XØ50mm

Shipping Weight **1.38 lbs** Unit per ctn **20pcs**

Water Resistant Cameras

Outdoor Rearview Cameras

HTC-79A

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 270mA

Order #	HTC-79A
CCD Sensor	SONY
Certificate	CE, RoHS, IP 68
Dimension	97X55X59.5mm

Shipping Weight **1.75 lbs** Unit per ctn **20pcs**

HTC-78A

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 250mA

Order #	HTC-78A
CCD Sensor	SONY
Certificate	CE, RoHS, IP 68
Dimension	97X55X59.5mm

Shipping Weight **1.75 lbs** Unit per ctn **20pcs**

HTC-786

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, .05Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 130mA

Order #	HTC-786
CCD Sensor	SONY
Certificate	CE, RoHS, IP 68
Dimension	97X55X59.5mm

Shipping Weight **1.75 lbs** Unit per ctn **20pcs**

HTC-785

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .03Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 120mA

Order #	HTC-785
CCD Sensor	SONY
Certificate	CE, RoHS, IP 68
Dimension	97X55X59.5mm

Shipping Weight **1.75 lbs** Unit per ctn **20pcs**

HTC-231R/2.9

1/4" Color Medium Resolution DSP CCD Cameras W/ Reverse image
Pick up Device: 1/3" CCD image sensor for Medium Resolution: more than 400TVL, 1Lux, 2.9mm lens
IP 68 water resistant
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 125mA

Order #	HTC-231R/2.9
CCD Sensor	SHARP
Certificate	CE, RoHS, IP 68
Dimension	Ø22xw76mm

Shipping Weight **0.63 lbs** Unit per ctn **40pcs**

Rearview Monitors

RVT-55

5.5 B/W Rear vision monitor
On-screen reverse image
Day/Night modes switcher
A/B channel switch
DC 12-24V power source

HTM-1003-7

7 Color TFT Monitor, 16:9 Wide Screen
on-screen reverse image
2 video input, 2 video output
Configuration: RGB vertical strip
Active Area: 154.08mm (W) X 86.58mm (H)
Resolution: 1440 (H) x 234 (V)=336960 dots
Audio Input Signal: 2.0 Vp-p
Audio output: 0.5W, (Built-in Speaker)
Video Input Signal: 1.0Vp-p Composite Video
Video System: NTSC/PAL Auto Selection
DC 12V

Bullet Cameras

NEW!

HTC-5AH2810

1/3 Color High Resolution Bullet Cameras
Pick up Device: 1/3 CCD image sensor for High Resolution: 540TVL
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Auto iris vari-focal 2.8~10mm Direct Drive, external adjustment
Power Supply: AC 24V/DC12V, dual voltage

Order #	HTC-5AH2810
CCD Sensor	SONY
IR LED	18
Dimension	75ØxD180.5mm

Shipping Weight **1.45 lbs** Unit per ctn **20pcs**

NEW!

HTC-5AH36

1/3 Color High Resolution Bullet Cameras
Pick up Device: 1/3 CCD image sensor for High Resolution: 540TVL
Auto White Balance, BLC, AES, 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Lens: Fixed 3.6mm
Power Supply: DC12V

Order #	HTC-5AH36
CCD Sensor	SONY
Certificate	CE, RoHS, IP 68
Dimension	50ØxD60(H)mm

Shipping Weight **0.55 lbs** Unit per ctn **20pcs**

HTC-231

1/4" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: more than 400TVL, 1Lux
IP 68 water resistant
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Reverse image also available on this model
Power Supply: DC 12V, 125mA

Order #	HTC-231
CCD Sensor	SHARP
Certificate	CE, RoHS, IP 68
Dimension	Ø22xW76mm

Shipping Weight **0.63 lbs** Unit per ctn **40pcs**

HTC-230

1/4" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: more than 400TVL, 1Lux
IP 68 water resistant
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 125mA

Order #	HTC-230
CCD Sensor	SHARP
Certificate	CE, RoHS, IP 68
Dimension	Ø22 xW76mm

Shipping Weight **0.63 lbs** Unit per ctn **40pcs**

HTC-191

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .1Lux
IP 68 water resistant
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 100mA

Order #	HTC-191
CCD Sensor	SONY
Certificate	CE, RoHS, IP 68
Dimension	Ø22xW76mm

Shipping Weight **0.6 lbs** Unit per ctn **40pcs**

HTC-190

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .1Lux
IP 68 water resistant
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 100mA

Order #	HTC-190
CCD Sensor	SONY
Certificate	CE, RoHS, IP 68
Dimension	Ø22xW76mm

Shipping Weight **0.6 lbs** Unit per ctn **40pcs**

12VDC Dome Cameras-Interior

Color 12VDC Dome Cameras

HTC-105E

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
High sensitivity
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Lens: Fixed 3.6mm
Power Supply: DC 12V, 220mA

Note: Also available in vari focal auto iris lens H105E12VFAI4T9

Order #	HTC-105E
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **1.18 lbs** Unit per ctn **20pcs**

HTC-105A

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: Fixed 3.6mm

Note: Also available in vari focal auto iris lens H105A12VFAI4T9

Order #	HTC-105A
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **1.18 lbs** Unit per ctn **20pcs**

HTC-124C

1/4" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: Fixed 3.6mm

Order #	HTC-124C
CCD Sensor	SHARP
Certificate	CE, RoHS
Dimension	Ø98xH66mm

Shipping Weight **0.56 lbs** Unit per ctn **40pcs**

B/W 12VDC Dome Cameras

HTC-156

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, .1Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 125mA
Lens: Fixed 3.6mm

Order #	HTC-156
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **1.18 lbs** Unit per ctn **20pcs**

HTC-153

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .01 Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 115mA
Lens: Fixed 3.6mm

Order #	HTC-153
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight **1.18 lbs** Unit per ctn **20pcs**

HTC-124

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, .01 Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 115mA
Lens: Fixed 3.6mm

Order #	HTC-124
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø98xH66mm

Shipping Weight **0.56 lbs** Unit per ctn **40pcs**

Color High Res. 24VAC Dome Cameras

HTC-105E-24

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-105E-24
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight
1.18 lbs
Unit per ctn
20pcs

H105E24VFAI4T9

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-Iris Vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Note: Also available in manual iris H105E24VM4T9

Order #	H105E24VFAI4T9
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight
1.5 lbs
Unit per ctn
20pcs

Color Medium Res. 24VAC Dome Cameras

HTC-105A-24

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4W

Order #	HTC-105A-24
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight
1.18 lbs
Unit per ctn
20pcs

H105A24VFAI4T9

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4W
Note: Also available in manual iris H105A24VM4T9

Order #	H105A24VFAI4T9
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight
1.5 lbs
Unit per ctn
20pcs

24VAC Dome Cameras-Interior

B/W High Res. 24VAC Dome Cameras

HTC-156-24

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 3.5W

Order #	HTC-156-24
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight
1.18 lbs
Unit per ctn
20pcs

H15624VFAI4T9

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Notes: Also available in manual iris H15624VM4T9

Order #	H15624VFAI4T9
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight
1.5 lbs
Unit per ctn
20pcs

B/W Medium Res. 24VAC Dome Cameras

HTC-153-24

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, 0.01Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 3W

Order #	HTC-153-24
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2 xH99.2mm

Shipping Weight
1.18 lbs
Unit per ctn
20pcs

H15324VFAI4T9

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, 0.01Lux
BLC, AES 1/50~1/100,000 sec., AGC
Auto-iris mode: Direct Drive
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 3W
Notes: Also available in manual iris H15324VM4T9

Order #	H15324VFAI4T9
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø131.2xH99.2mm

Shipping Weight
1.5 lbs
Unit per ctn
20pcs

Recommended Parts

Type	Focal Length	Angle of View		Manual Foc	DC Auto-Iris	DVR	Timelapse	Multiplexer
Fixed	1.7mm	170 deg	HTL-1720	N/A	N/A	HVR-Series	VCR-960T	HCM-16CE
	2.9mm	95 deg	HTL-2920	N/A	N/A	HMR-Series		HCM-09CE
	3.6mm	89 deg	HTL-3620	N/A	N/A	HJR-Series		
	4.0mm	60 deg	HTL-4020	N/A	N/A			
	6.0mm	50 deg	HTL-6020	N/A	N/A			
	8.0mm	30 deg	HTL-8020	N/A	N/A			
	12.0mm	25 deg	HTL-1220	N/A	N/A			
	16.0mm	20 deg	HTL-1620	N/A	N/A	Maximum extensible coaxial cable length		
Vari-Focal	2.6-6.0mm	95-43 deg	N/A	HTL-2660	HTL-2660D	RG-59/U,95%	RG-59/U 80%	UTP associates
	3.5-8.0mm	90-30 deg	N/A	HTL-2580	HTL-3580D			with Hunt
	6.0-16.0mm	50-20 deg		HTL-60150	HTL-60150D			HTA-TTP111VL
						1000FT	825FT	1500FT

Color High Res. 24VAC Dome Cameras

HTC-11G36

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-11G36
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø137xH97mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-11G48D

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Note: Also available in manual iris HTC-11G48M

Order #	HTC-11G48D
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø137xH97mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

Color Medium Res. 24VAC Dome Cameras

HTC-11C36

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4W

Order #	HTC-11C36
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø137xH97mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-11C48D

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4W
Note: Also available in manual iris HTC-11C48M

Order #	HTC-11C48D
CCD Sensor	SONY
Certificate	CE, UL, RoHS
Dimension	Ø137xH97mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

B/W High Res. 24VAC Dome Cameras

HTC-11636

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 3.5W

Order #	HTC-11636
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø137xH97mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-11648D

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris vari-focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Note: Also available in manual iris HTC-11648M

Order #	HTC-11648D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø137xH97mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

Vandal Resistant Dome Cameras-Exterior

B/W Medium Res. 24VAC Dome Cameras

HTC-11336

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium
Resolution: 420TVL, 0.01Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 3W

Order #	HTC-11336
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø137xH97mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-11348D

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium
Resolution: 420TVL, 0.01Lux
BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 3W
Note: Also available in manual iris HTC-11348M

Order #	HTC-11348D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	Ø137xH97mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

Color High Res. 24VAC Dome Cameras-Square Type

HTC-10EG36

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-10EG36
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-10EG48D

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Note: Also available in manual iris HTC-10EG48M

Order #	HTC-10EG48D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

Color Medium Res. 24VAC Dome Cameras-Square Type

HTC-10EC36

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium
Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction.
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4W

Order #	HTC-10EC36
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-10EC48D

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium
Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4W
Note: Also available in manual iris HTC-10EC48M

Order #	HTC-10EC48D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

B/W High Res. 24VAC Dome Cameras-Square Type

HTC-10E636

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 3.5W

Order #	HTC-10E636
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-10E648D

1/3" B/W High Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, 0.1Lux
AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W
Note: Also available in manual iris HTC-10E648M

Order #	HTC-10E648D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

B/W Medium Res. 24VAC Dome Cameras-Square Type

HTC-10E336

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, 0.01Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 3W

Order #	HTC-10E336
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **1.87 lbs** Unit per ctn **20pcs**

HTC-10E348D

1/3" B/W Medium Resolution CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, 0.01Lux
BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
1H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 3W
Note: Also available in manual iris HTC-10E348M

Order #	HTC-10E348D
CCD Sensor	SONY
Certificate	CE, RoHS
Dimension	127x127x96.5mm

Shipping Weight **2.25 lbs** Unit per ctn **20pcs**

Recommended Parts

Type	Focal Length	Angle of View		Manual Foc	DC Auto-Iris	DVR	Timelapse	Multiplexer
Fixed	1.7mm	170 deg	HTL-1720	N/A	N/A	HVR-Series	VCR-960T	HCM-16CE
	2.9mm	95 deg	HTL-2920	N/A	N/A	HMR-Series		HCM-09CE
	3.6mm	89 deg	HTL-3620	N/A	N/A	HJR-Series		HCM-04CE
	4.0mm	60 deg	HTL-4020	N/A	N/A			
	6.0mm	50 deg	HTL-6020	N/A	N/A			
	8.0mm	30 deg	HTL-8020	N/A	N/A			
	12.0mm	25 deg	HTL-1220	N/A	N/A	Maximum extensible coaxial cable length		
	16.0mm	20 deg	HTL-1620	N/A	N/A	RG-59/U,95%	RG-59/U 80%	UTP associates
Vari-Focal	2.6-6.0mm	95-43 deg	N/A	HTL-2660	HTL-2660D			with Hunt
	3.5-8.0mm	90-30 deg	N/A	HTL-2580	HTL-3580D			HTA-TTP111VL
	6.0-16.0mm	50-20 deg	N/A	HTL-60150	HTL-60150D	1000FT	825FT	1500FT

Hidden Type Cameras

PIR Cameras

HTC-3005HS

1/3" Color High Resolution PIR Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
High sensitivity
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 220mA
Lens: Pinhole 3.7mm

Order #	HTC-3005HS
CCD Sensor	SONY
Certificate	UL 94
Dimension	119.4x69x84mm

Shipping Weight **0.25 lbs** Unit per ctn **20pcs**

HTC-3005S

1/4" Color Medium Resolution PIR Cameras
Pick up Device: 1/4" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: Pinhole 3.7mm

Order #	HTC-3005S
CCD Sensor	Sharp
Certificate	UL 94
Dimension	119.4x69x84mm

Shipping Weight **0.25 lbs** Unit per ctn **20pcs**

HTB-3005HS

1/3" B/W High Resolution PIR Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, .1Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 125mA
Lens: Pinhole 3.7mm

Order #	HTB-3005HS
CCD Sensor	SONY
Certificate	UL 94
Dimension	119.4x69x84mm

Shipping Weight **0.25 lbs** Unit per ctn **20pcs**

HTB-3005S

1/3" B/W Medium Resolution PIR Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .01 Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 115mA
Lens: Pinhole 3.7mm

Order #	HTB-3005S
CCD Sensor	SONY
Certificate	UL 94
Dimension	119.4x69x84mm

Shipping Weight **0.25 lbs** Unit per ctn **20pcs**

Smoke Detector Cameras

HTC-3006HS

1/3" Color High Resolution Smoke Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05 Lux High sensitivity
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 220mA
Lens: Pinhole 3.7mm

Order #	HTC-3006HS
CCD Sensor	SONY
Certificate	UL 94
Dimension	Ø125xH52mm

Shipping Weight **0.31 lbs** Unit per ctn **20pcs**

HTC-3006S

1/4" Color Medium Resolution Smoke Cameras
Pick up Device: 1/4" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: Pinhole 3.7mm

Order #	HTC-3006S
CCD Sensor	Sharp
Certificate	UL 94
Dimension	Ø125xH52mm

Shipping Weight **0.41 lbs** Unit per ctn **20pcs**

Smoke Detector Cameras

HTB-3006HS

1/3" B/W High Resolution Smoke Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, .1Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 125mA
Lens: Pinhole 3.7mm

Order #	HTB-3006HS
CCD Sensor	SONY
Certificate	UL 94
Dimension	Ø125xH52mm

Shipping Weight **0.31 lbs** Unit per ctn **20pcs**

HTB-3006S

1/3" B/W Medium Resolution Smoke Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .01 Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 115mA
Lens: Pinhole 3.7mm

Order #	HTB-3006S
CCD Sensor	SONY
Certificate	UL 94
Dimension	Ø125xH52mm

Shipping Weight **0.41 lbs** Unit per ctn **20pcs**

Metal Plate Cameras

HTC-3800HS

1/3" Color High Resolution Metal Plate Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux High sensitivity
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 220mA
Lens: Pinhole 3.7mm

Order #	HTC-3800HS
CCD Sensor	SONY
Certificate	UL 94
Dimension	70x115mm

Shipping Weight **0.31 lbs** Unit per ctn **20pcs**

HTC-3800S

1/4" Color Medium Resolution Metal Plate Cameras
Pick up Device: 1/4" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: Pinhole 3.7mm

Order #	HTC-3800S
CCD Sensor	SONY
Certificate	UL 94
Dimension	70x115mm

Shipping Weight **0.41 lbs** Unit per ctn **20pcs**

HTB-3800HS

1/3" B/W High Resolution Metal Plate Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 580TVL, .1Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 125mA
Lens: Pinhole 3.7mm

Order #	HTB-3800HS
CCD Sensor	SONY
Certificate	UL 94
Dimension	70x115mm

Shipping Weight **0.31 lbs** Unit per ctn **20pcs**

HTB-3800S

1/3" B/W Medium Resolution Metal Plate Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 420TVL, .01 Lux
BLC, AES 1/50~1/100,000 sec., AGC
1H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 115mA
Lens: Pinhole 3.7mm

Order #	HTB-3800S
CCD Sensor	SONY
Certificate	UL 94
Dimension	70x115mm

Shipping Weight **0.41 lbs** Unit per ctn **20pcs**

24VAC Board Cameras

Color High Res. 24VAC Board Cameras

HTC-26636V24

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4.5W

Order #	HTC-26636V24
CCD Sensor	SONY
Certificate	UL 94, RoHS
Dimension	42x42x51mm

Shipping Weight **0.13 lbs** Unit per ctn **5pcs**

HTC-266V24M49

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Vari-Focal 2.8~10mm
Power Supply: AC 24V, 4.5W

Order #	HTC-266V24M49
CCD Sensor	SONY
Certificate	UL 94, RoHS
Dimension	42x42x76mm

Shipping Weight **0.19 lbs** Unit per ctn **5pcs**

HTC-266V24VF49

1/3" Color High Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4.5W

Order #	HTC-266V24VF49
CCD Sensor	SONY
Certificate	UL 94, RoHS
Dimension	42x42x76mm

Shipping Weight **0.19 lbs** Unit per ctn **5pcs**

Color Medium Res. 24VAC Board Cameras

HTC-26036V24

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Fixed 3.6mm
Power Supply: AC 24V, 4W

Order #	HTC-26036V24
CCD Sensor	SONY
Certificate	UL 94, RoHS
Dimension	42x42x51mm

Shipping Weight **0.13 lbs** Unit per ctn **5pcs**

HTC-260V24M49

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Vari-Focal 2.8~10mm
Power Supply: AC 24V, 4W

Order #	HTC-260V24M49
CCD Sensor	SONY
Certificate	UL 94, RoHS
Dimension	42x42x76mm

Shipping Weight **0.19 lbs** Unit per ctn **5pcs**

HTC-260V24VF49

1/3" Color Medium Resolution DSP CCD Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1Lux
Digital process of color matrix
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Auto iris mode: Direct Drive
2H mode enhancement of H.V. aperture correction
Line-lock with 270 degree V phase adjustment
Lens: Auto-iris Vari-Focal 2.8~10mm, DC driver
Power Supply: AC 24V, 4W

Order #	HTC-260V24VF49
CCD Sensor	SONY
Certificate	UL 94
Dimension	42x42x76mm

Shipping Weight **0.19 lbs** Unit per ctn **5pcs**

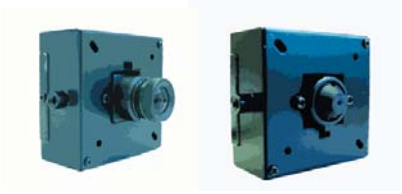
Color 12VDC Board Cameras

HTC-2H6/HTC-2H6S

1/3" Color High Resolution DSP CCD board Cameras
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux High sensitivity
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 220mA
Lens: HTC-2H6 Fixed 3.6mm, HTC-2H6S Fixed 3.7mm Pinhole lens

Order #	HTC-2H6 3.6mm
Order #	HTC-2H6S 3.7 Pinhole
CCD Sensor	SONY
Dimension	42x42x33mm

Shipping Weight **0.06 lbs** Unit per ctn **20pcs**



HTC-2H6C/HTC-2H6CS

1/3" Color High Resolution DSP CCD board Cameras with case
Pick up Device: 1/3" CCD image sensor for High Resolution: 540TVL, .05Lux High sensitivity
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 220mA
Lens: HTC-2H6C Fixed 3.6mm, HTC-2H6CS Fixed 3.7mm Pinhole lens

Order #	HTC-2H6C 3.6mm
Order #	HTC-2H6CS 3.7 Pinhole
CCD Sensor	SONY
Dimension	42x42x36mm

Shipping Weight **0.19 lbs** Unit per ctn **20pcs**

HTC-2H1/HTC-2H1S

1/3" Color Medium Resolution DSP CCD board Cameras
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: HTC-2H1 Fixed 3.6mm, HTC-2H1S Fixed 3.7mm Pinhole lens

Order #	HTC-2H1 3.6mm
Order #	HTC-2H1S 3.7 Pinhole
CCD Sensor	SONY
Dimension	42x42x33mm

Shipping Weight **0.06 lbs** Unit per ctn **20pcs**

HTC-2H1C/HTC-2H1CS

1/3" Color Medium Resolution DSP board Cameras with case
Pick up Device: 1/3" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: HTC-2H1C Fixed 3.6mm, HTC-2H1CS Fixed 3.7mm Pinhole lens

Order #	HTC-2H1C 3.6mm
Order #	HTC-2H1CS 3.7 Pinhole
CCD Sensor	SONY
Dimension	42x42x36mm

Shipping Weight **0.19 lbs** Unit per ctn **20pcs**

HTC-2N3/HTC-2N3S

1/4" Color Medium Resolution DSP CCD Board Cameras
Pick up Device: 1/4" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: HTC-2N3 Fixed 3.6mm, HTC-2N3S Fixed 3.7mm Pinhole lens

Order #	HTC-2N3 3.6mm
Order #	HTC-2N3S 3.7 Pinhole
CCD Sensor	Sharp
Dimension	33x33x25mm

Shipping Weight **0.06 lbs** Unit per ctn **20pcs**

HTC-2N3C/HTC-2N3SC

1/4" Color Medium Resolution DSP CCD Board Cameras with case
Pick up Device: 1/4" CCD image sensor for Medium Resolution: 400TVL, 1 Lux
Auto White Balance, BLC, AES 1/50~1/100,000 sec., AGC
Digital process of color matrix
2H mode enhancement of H.V. aperture correction
Power Supply: DC 12V, 200mA
Lens: HTC-2N3C Fixed 3.6mm, HTC-2N3SC Fixed 3.7mm Pinhole lens

Order #	HTC-2N3C 3.6mm
Order #	HTC-2N3SC 3.7 Pinhole
CCD Sensor	Sharp
Dimension	33x33x25mm

Shipping Weight **0.13 lbs** Unit per ctn **20pcs**

Video, Power, Data Transceiver, Distributor, and Surge Protector

Video, Power, and Data Surge Protector

NEW!

HTA-SP016CB

16 Channel Rack Mountable Video Surge Protection Panel
16 channel surge protection panel in 1U 19" rack mount panel
Two stage protection: under 1ns-90V, over 10ns-12V.
Maximum Surge Current: 4 KV, surge protection attack time: 1ns
Surge Life: 300 surges of 100Amps
Wide range of applications: DVR, TV antenna, FM receivers, video camera, monitors, multiplexers...etc
Protects equipment from high voltage surges from nearby lightning strikes
16 BNC female input to 16 BNC female output

Order #	HTA-SP016CB
Dimension	482x191x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **5.8 lbs** Unit per ctn **4pcs**

HTA-SP001B

Single Channel Video Surge Protector
1 channel video surge protector
Two stage protection: under 1ns-90V, over 10ns-12V.
Maximum Surge Current: 4 KV, surge protection attack time: 1ns
Surge Life: 300 surges of 100Amps
Wide range of applications: DVR, TV antenna, FM receivers, video camera, monitors, multiplexers...etc
Protects equipment from high voltage surges from nearby lightning strikes
1 BNC male input to 1 BNC female output

Order #	HTA-SP001B
Dimension	78x25x25mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.19 lbs** Unit per ctn **100pcs**

HTA-SP001PT

Power Surge Protector
1 channel power surge protector
Two stage protection: under 1ns-90V, over 10ns-12V
Maximum Surge Current: 4 KV, surge protection attack Time: 1ns
Surge Life: 300 surges of 100Amps
Protects equipment from high voltage surges from nearby lightning strikes
Wide range of applications: High speed PTZ, high security CCD cameras,…etc
2 pin terminal input to 2 pin terminal output

Order #	HTA-SP001PT
Dimension	78x25x25mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.18 lbs** Unit per ctn **100pcs**

HTA-SP001VPBT

Video & Power Surge Protector
1 channel video and power surge protector
Two stage protection: under 1ns-90V, over 10ns-12V
Maximum Surge Current: 4 KV, surge protection attack Time: 1ns
Surge Life: 300 surges of 100Amps
Wide range of applications: high speed PTZ, high security CCD cameras,…etc
Protects equipment from high voltage surges from nearby lightning strikes
3 pin terminal, BNC male input to 2 pin terminal, BNC female output

Order #	HTA-SP001VPBT
Dimension	87x67x27mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.45 lbs** Unit per ctn **80pcs**

HTA-SP001VPDBTT

Video, data and power surge protector
1 channel video, data and power surge protector
Two stage protection: under 1ns-90V, over 10ns-12V
Maximum Surge Current:4 KV, surge protection attack time: 1ns
Surge Life: 300 surges of 100Amps
Wide range of applications: high speed PTZ, high security CCD cameras,…etc
Protects equipment from high voltage surges from nearby lightning strikes
5 pin terminal, BNC male input to 4 pin terminal, BNC female output

Order #	HTA-SP001VPDBTT
Dimension	87x67x27mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.43 lbs** Unit per ctn **80pcs**

Power Converter

HTA-PC500

24VAC to 12VDC power converter
Enable 12VDC cameras work on 24VAC power supply
Input 24VAC, output 12VDC 500mA regulated.

Order #	HTA-PC500
Dimension	64x28x26mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.15 lbs** Unit per ctn **1pcs**

Video Transceiver via UTP Wire (RJ45 connector)

HTA-TTP111V3J45

1 Channel Passive Video Transceiver via BNC to RJ-45
BNC male to RJ-45 terminal block
Transmit a full motion color or monochrome video signal up to 600 meters
Passive, no power required
Built in impedance couple device and noise filter for exceptional interference immunity
Up to 16 pieces HTA-TTP111V3J45 can associate with 16 port Transmission Panel HTA-TPP016-J45
Recommonded parts: UTP wire, J-45 connector, HTA-TTP016-RJ45

Order #	HTATTP111V3J45
Dimension	69x25x22mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.13 lbs**
Unit per ctn **100pcs**

HTA-TTP414VJ45

4 Channel Video Transceiver via BNC and RJ-45 terminal
Built in 4 port passive transceivers with BNC and RJ-45 terminal
Recommonded parts: HTA-TTP111VL, HTA-TTP111VC, and HTA-TTP111V3J45 passive transmitter or receiver hub
Recommonded parts: operate with HTA-TTP111VT-1 receiver at distance up to 1000 meters
Distance up to 600 meters (300 meters for DVR, Multiplexer)
Built in impedance couple device and noise filter for exceptional interference immunity
Built in LED for video on/off on each port
Exceptional interference rejection
Power Supply: AC24V/DC12V

Order #	HTA-TTP414VJ45
Dimension	136x66x28mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.53 lbs**
Unit per ctn **80pcs**

HTA-TPP016-J45

16CH Passive Video receiver hub via RJ45 terminal
16 port passive transceiver Hub In 1U 19" rack mounting panel
Recommonded parts: HTA-TTP111V3J45
Distance up to 600 meters (300 meters for DVR, Multiplexer)
Built in impedance couple device and noise filter for exceptional interference immunity
Built in LED for video on/off on each port
Exceptional interference rejection
Requirement: UTP wire, RJ-45 conncector, HTA-TTP111V3J45
Power Supply: AC24V/DC12V

Order #	HTA-TPP016-J45
Dimension	482x170x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **3.81 lbs**
Unit per ctn **4pcs**

Video, Power, and Data Transceiver via UTP Wire

HTA-TTP111VPK

Video & Power Transceiver via terminal
2 pieces in one pair package
HTA-TTP111VPKT Video Transceiver BNC male to 6 pin terminal connector with power cord (DC Plug)
HTA-TTP111VPKR Video Transceiver BNC male to 6 pin terminal connector with power cord (DC Jack)
Provide pigtail for video signal
Power send over UTP cable, application for low voltage power camera
Dual voltage power input 24VAC/12VDC
One, two, or three pairs power inputs based on camera power consumption and transmission range
Requirement: UTP wire

Order #	HTA-TTP111VPK
Dimension	69x25x22mm 69x25x22mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.13 lbs**
Unit per ctn **100pcs**

HTA-TTP111VPJ45

Video & Power Transceiver BNC via RJ45
Video and power transmission over UTP
Power send over UTP cable, application for low voltage power camera
Dual voltage power input 24VAC/12VDC
Transmit a full motion color or monochrome video signal up to 600 meters
Built in impedance couple device and noise filter for exceptional interference immunity
Requirement: UTP wire, RJ-45 connector

Order #	HTATTP111VPJ45
Dimension	69x25x22mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.13 lbs**
Unit per ctn **100pcs**

HTA-TTP016VPJ45

16CH Passive Video receiver hub w/ built in AC24V 8amp power supply
16 channel video Hub with built in power supply in 19" 1U rack mounting
Video and power transmission over UTP
Power send over UTP cable, application for low voltage power camera
Built in impedance couple device and noise filter for exceptional interference immunity
24VAC
Requirement: UTP wire, RJ-45 connector, HTA-TTP111VPJ45

Order #	HTATTP016VPJ45
Dimension	55.5x40x12mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **12.4 lbs**
Unit per ctn **2pcs**

Video, Power, Data Transceiver, Distributor, and Surge Protector

Video Transceiver via UTP Wire

NEW!

HTA-TPA016-1

Active Twisted Pair Transceiver Panel 16 Port
Transceiver Hub In 1U rack mounting panel
Built in a highly balanced mode of video transmission for extra interference immunity

Order #	HTA-TPA016-1
Dimension	482x191x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **7.3 lbs** Unit per ctn **4pcs**

HTA-TPA008-1

Active Twisted Pair Transceiver Panel 8 Port
Transceiver Hub In 1U rack mounting panel
Built in a highly balanced mode of video transmission for extra interference immunity

Order #	HTA-TPA008-1
Dimension	482x170x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **4.85 lbs** Unit per ctn **4pcs**

HTA-TPP016

Twisted Pair Transmission Panel 16 Port
Passive Transceiver Hub In 1U rack mounting panel

Order #	HTA-TPP016
Dimension	482x170x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **6.75 lbs** Unit per ctn **1pcs**

HTA-TTP111VL

Passive Video Transceiver with pigtail BNC Male to 2 screw terminal adapter. Video transceivers provide a highly balanced mode of video transmission, which is immune to interference from these, and other sources of noise.
Cable requirement: UTP wire

Order #	HTA-TTP111VL
Dimension	23x23x343mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.19 lbs** Unit per ctn **50pcs**

HTA-TTP111VC

Passive Video Transceiver BNC Male to 2 screw terminal adapter. video transceivers provide a highly balanced mode of video transmission, which is immune to interference from these, and other sources of noise.
Cable requirement: UTP wire

Order #	HTA-TTP111VC
Dimension	49x15.5x14.5mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.07 lbs** Unit per ctn **100pcs**

HTA-TTP111VT

Passive Video Transceiver BNC Male to 2 screw terminal adapter. video transceivers provide a highly balanced mode of video transmission, which is immune to interference from these, and other sources of noise.
Cable requirement: UTP wire

Order #	HTA-TTP111VT
Dimension	69x25x22mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.13 lbs** Unit per ctn **50pcs**

Video Transceiver via UTP

HTA-TTA111VR-1

Active Video Receiver BNC male to 2 screw terminal adapter. Video transceivers provide a highly balanced mode of video transmission which is immune to interference from these, and other sources of noise
Cable requirement: UTP
Power Supply: AC24V/DC12V

Order #	HTA-TTA111VR-1
Dimension	60x41x48mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.88 lbs**
Unit per ctn **50pcs**

HTA-TTA111VT-1

Active Video Transceiver BNC male to 2 screw terminal adapter. Video transceivers provide a highly balanced mode of video transmission which is immune to interference from these, and other sources of noise
Cable requirement: UTP
Power Supply: AC24V/DC12V

Order #	HTA-TTA111VT-1
Dimension	76x44x48mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.88 lbs**
Unit per ctn **50pcs**

RS485 Serial Data Distributor

HTA-RS004

RS485 Serial Data Distributor 1 in 4 out
Data Input: RS232, RS485 (terminal block)
Data Output Port: 4 Port (terminal block)
Data Output Signal: RS485
Max. connection range up to 1200 meters by UTP cable
Ability to cascade connection to other units HTA-RS004/ HTA-RS008/ HTA-RS016
Power Supply: DC12V

Order #	HTA-RS004
Dimension	133x76x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **1.95 lbs**
Unit per ctn **20pcs**

HTA-RS008

RS485 Serial Data Distributor 1 in 8 out
Data Input: RS232, RS485 (terminal block)
Data Output Port: 8 Port (terminal block)
Data Output Signal: RS485
Max. connection range up to 1200 meters by twisted pair cable
Ability to cascade connection to other units HTA-RS004/ HTA-RS008/ HTA-RS016
Power Supply: DC12V

Order #	HTA-RS008
Dimension	482x100x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **3.94 lbs**
Unit per ctn **4pcs**

HTA-RS016

RS485 Serial Data Distributor 1 in 16 out
Data Input: RS232, RS485 (terminal block)
Data Output Port: 16 Port (terminal block)
Data Output Signal: RS485
Max. connection range up to 1200 meters by twisted pair cable
Ability to cascade connection to other units HTA-RS004/ HTA-RS008/ HTA-RS016
Power Supply: DC12V

Order #	HTA-RS016
Dimension	482x100x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **4.06 lbs**
Unit per ctn **4pcs**

RS-232 Data Converter

HTA-RS001

RS-232 to RS-485 Data Converter
DB9 female connector for RS232 to 2 wires Terminal Block for RS485
Passive plug-in type
Auto switching baud rate, speed up to 115,200 baud rate over a distance 1200 meters

Order #	HTA-RS001
Dimension	76x35x48mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.13 lbs**
Unit per ctn **50pcs**

Video, Power, Data Transceiver, Distributor, and Surge Protector

Video Signal Distribution

HTA-CD102-1

Video Splitter 1 Input to 2 Output Video Distributor
Power Supply: AC24V/DC12V

Order #	HTA-CD102-1
Dimension	73x44x54mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.88 lbs**
Unit per ctn **1pcs**

HTA-CD104-1

Video Splitter 1 Input to 4 Output Video Distributor
Power Supply: AC24V/DC12V

Order #	HTA-CD104-1
Dimension	140x99x25mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **1.13 lbs**
Unit per ctn **1pcs**

HTA-CD816-1

Active Video Splitter 8 Input to 16 Output Video Distributor
Power Supply: AC24V/DC12V

Order #	HTA-CD816-1
Dimension	482x170x44mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **6.7 lbs**
Unit per ctn **1pcs**

HTA-CD1664

Active Video Splitter 16 Input to 64 Output Video Distribution In 2U Panel
Power Supply: AC24V/DC12V

Order #	HTA-CD1664
Dimension	483x88.4x90mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **8.2 lbs**
Unit per ctn **4pcs**

Video Signal Isolator

HTA-GL001

Passive Coaxial Video Ground Loop Isolator
BNC male to BNC female adapter with pigtail
Prevents video-signal distortion caused by video ground loops
Eliminates picture tearing, cross talk, and rolling
Prevents power cables laid by others interfering with the CCTV system.
Built in Transient Voltage Suppressors for surge protection.

Order #	HTA-GL001
Dimension	518x25x22mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight **0.25 lbs**
Unit per ctn 80pcs

VGA Signal Distributor

Passive VGA Signal Extension Kits
1 VGA connector to RJ45 female
Up to 135 meters via CAT 5 STP cable instead of VGA cable
Supports up to 1280x1024 pixels
Work with desktop PCs, laptops, LCD projectors, plasma displays
Cable requirement: CAT 5 STP

Order #	HTA-TTP111VGA
Dimension	110x77x24mmx2pcs
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight
1.13 lbs
Unit per ctn
20pcs

HTA-TTP111VGA

Active VGA Signal Extension Kits
1 VGA connector to RJ45 female
Up to 135 meters via CAT 5 UTP cable instead of VGA cable
Supports up to 1600x1200 pixels
Work with desktop PCs, laptops, LCD projectors, plasma displays
Power Supply: 12VDC

Order #	HTA-TTA111VGA-1
Dimension	140x67x25mm 86x67x25mm
Certificate	CE, FCC, RoHS,C-TICK

Shipping Weight
2.5 lbs
Unit per ctn
20pcs

HTA-TTA111VGA-1

Security Monitors

Advance LCD Security Monitors

HCD-19AH

19-inch Security Surveillance TFT LCD Monitor
3D Comb filter, 3D noise filter
Composite Video in/ out, S-Video, VGA, Audio
View angle: 70/70/75/60 (L/R/T/B)
On-Screen Display Control (OSD)
Pixel Pitch 0.294mm x 0.294mm
Number of pixels: 1280x1024, 16 million color
Brightness: 440cd/m2, response time 8ms
Power AC 100V ~ 240V

Order #	HCD-19AH
Certificate	FCC,CE,UL, TCO
Dimension	438x89x375mm

Shipping Weight
20.8 lbs
Unit per ctn
1pcs

HCD-17AH

17-inch Security Surveillance TFT LCD Monitor
3D Comb filter, 3D noise filter
Composite Video in/ out, S-Video, VGA, Audio
View angle: 70/70/65/65 (L/R/T/B)
On-Screen Display Control (OSD)
Pixel Pitch 0.264mm x 0.264mm
Number of pixels: 1280x1024, 16 million color
Brightness: 400cd/m2, response time 8ms
Power AC 100V ~ 240V

Order #	HCD-17AH
Certificate	FCC,CE,UL, TCO
Dimension	438x89x375mm

Shipping Weight
19.95 lbs
Unit per ctn
1pcs

HCD-15AH

15-inch Security Surveillance TFT LCD Monitor
3D Comb filter, 3D noise filter
Composite Video in/ out, S-Video, VGA, Audio
View angle: 70/70/65/65 (L/R/T/B)
On-Screen Display Control (OSD)
Pixel Pitch 0.297mm x 0.297mm
Number of pixels: 1280x1024, 16 million color
Brightness: 400cd/m2, response time 8ms
Power AC 100V ~ 240V

Order #	HCD-15AH
Certificate	FCC,CE,UL, TCO
Dimension	394x76x305mm

Shipping Weight
14.85 lbs
Unit per ctn
1pcs

Entry Level LCD Security Monitors

HCD-19EH

19-inch Security Surveillance TFT LCD Monitor
Composite Video in/ out, S-Video, VGA, Audio
View angle: 70/70/75/60 (L/R/T/B)
On-Screen Display Control (OSD)
Pixel Pitch 0.294mm x 0.294mm
Number of pixels: 1280x1024, 16 million color
Brightness: 270cd/m2, response time 8ms
Power AC 100V ~ 240V

Order #	HCD-19EH
Certificate	FCC,CE,UL, TCO
Dimension	419x54x359mm

Shipping Weight
13.95 lbs
Unit per ctn
1pcs

HCD-17EH

17-inch Security Surveillance TFT LCD Monitor
Composite Video in/ out, S-Video, VGA, Audio
View angle: 70/70/70/60 (L/R/T/B)
On-Screen Display Control (OSD)
Pixel Pitch 0.264mm x 0.264mm
Number of pixels: 1280x1024, 16 million color
Brightness: 300cd/m2, response time 12ms
Power AC 100V ~ 240V

Order #	HCD-17EH
Certificate	FCC,CE,UL, TCO
Dimension	371x57x324mm

Shipping Weight
13.30 lbs
Unit per ctn
1pcs

HCD-15EH

15-inch Security Surveillance TFT LCD Monitor
Composite Video in/ out, S-Video, VGA, Audio
View angle: 70/70/60/65 (L/R/T/B)
On-Screen Display Control (OSD)
Pixel Pitch 0.297mm x 0.297mm
Number of pixels: 1024x768, 16 million color
Brightness: 250cd/m2, response time 16ms
Power AC 100V ~ 240V

Order #	HCD-15EH
Certificate	FCC,CE,UL, TCO
Dimension	371x57x324mm

Shipping Weight
11.77 lbs
Unit per ctn
1pcs

LCD PC Monitors

HCD-19PH

19-inch PC TFT LCD Monitor
S-Video, VGA, audio
On-Screen Display Control (OSD)
Pixel Pitch 0.294mm x 0.294mm
Number of pixels: 1280x1024, 16 million color
Brightness: 250cd/m2, response time 25m per sec
Power AC 100V ~ 240V

Order #	HCD-19PH
Certificate	FCC,CE,UL, TCO
Dimension	420x429x190mm

Shipping Weight **14.7 lbs** Unit per ctn **1pcs**

HCD-17PH

17-inch PC TFT LCD Monitor
S-Video, VGA, audio
On-Screen Display Control (OSD)
Pixel Pitch 0.264mm x 0.264mm
Number of pixels: 1280x1024, 16 million color
Brightness: 250cd/m2, response time 25m per sec
Power AC 100V ~ 240V

Order #	HCD-17PH
Certificate	FCC,CE,UL, TCO
Dimension	376x386x169mm

Shipping Weight **10.5 lbs** Unit per ctn **1pcs**

HCD-15PH

15-inch PC TFT LCD Monitor
S-Video, VGA, audio
On-Screen Display Control (OSD)
Pixel Pitch 0.297mm x 0.297mm
Number of pixels: 1280x1024, 16 million color
Brightness: 250cd/m2, response time 25m per sec
Power AC 100V ~ 240V

Order #	HCD-15PH
Certificate	FCC,CE,UL, TCO
Dimension	438x83x375mm

Shipping Weight **8.3 lbs** Unit per ctn **1pcs**

HLSM-413

4.0" LCD Service Monitor
Active Area (mm): 821(w) X 61.8(h)mm
Resolution: 480 X 234
Contrast Ratio: 150 : 1
Brightness: 250cd/m2
Video System: NTSC & PAL
2 video input, 1 audio input, 1 video output, reverse image feature
Power DC 12V, 800mA

Order #	HLSM-413
Certificate	CE
Dimension	378x57X318mm

Shipping Weight **2.8 lbs** Unit per ctn **20pcs**

HTM-1003-7

7" LCD Monitor, 16:9 Wide Screen
Configuration: RGB vertical strip
Active Area: 154.08mm (W) X 86.58mm (H)
Resolution: 1440 (H) x 234 (V)=336960 dots
Audio Input Signal: 2.0 Vp-p
Audio output: 0.5W, (Built-in Speaker)
Video Input Signal: 1.0Vp-p Composite Video
Video System: NTSC/PAL Auto Selection
Power DC 12V, 800mA

Order #	HTM-1003-7
Certificate	CE
Dimension	378x57X318mm

Shipping Weight **2.7 lbs** Unit per ctn **1pcs**

Color Monitors

HTCH-2016A

20-inch color Security Surveillance Monitor
Max. 520 TV lines of horizontal resolution
2 Video inputs with 2 Looping through BNC connectors
2 RCA inputs with 2 Looping through RCA connectors
1 Y/C input video channel
Max. 1.5W speaker output
NTSC/PAL auto switch
Metal cabinet
Power switch, video select, contract, brightness, color, tint, sharpness, volume
Full range 100~240V 60/50Hz AC power input

Order #	HTCH-2016A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	508x489x435mm

Shipping Weight **65 lbs** Unit per ctn **1pcs**

Security Monitors

Color Monitors

HTCH-1716A

17-inch color Security Surveillance Monitor
Max. 700 TV lines of horizontal resolution
2 Video inputs with 2 Looping through BNC connectors
2 RCA inputs with 2 Looping through RCA connectors
1 Y/C input video channel
Max. 1.5W speaker output
NTSC/PAL auto switch
Metal cabinet
Power switch, video select, contract, brightness, color, tint, sharpness, volume
Full range 100~240V 60/50Hz AC power input

Order #	HTCH-1716A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	405x356x406mm

Shipping Weight **45.15 lbs** Unit per ctn **1pcs**

HTCH-1516A

15-inch color Security Surveillance Monitor
Max. 700 TV lines of horizontal resolution
2 Video inputs with 2 Looping through BNC connectors
2 RCA inputs with 2 Looping through RCA connectors
1 Y/C input video channel
Max. 1.5W speaker output
NTSC/PAL auto switch
Metal cabinet
Power switch, video select, contract, brightness, color, tint, sharpness, volume
Full range 100~240V 60/50Hz AC power input

Order #	HTCH-1516A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	381x324x359mm

Shipping Weight **37.25 lbs** Unit per ctn **1pcs**

HTCH-0916A

9-inch color Security Surveillance Monitor
Max. 300 TV lines of horizontal resolution
2 Video inputs with 2 Looping through BNC connectors
1 RCA inputs with 1 Looping through RCA connectors
1 Y/C input video channel
Max. 1.5W speaker output
NTSC/PAL auto switch
Metal cabinet
Power switch, video select, contract, brightness, color, tint, sharpness, volume
Full range 100~240V 60/50Hz AC power input

Order #	HTCH-0916A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	305x222x226mm

Shipping Weight **18.65 lbs** Unit per ctn **1pcs**

B/W Monitors

HTM-1003-20A

20-inch B/W Security Surveillance Monitor
Max. 1000 TV lines of horizontal resolution
2 Video inputs with 2 Looping through BNC connectors
2 RCA inputs with 2 Looping through RCA connectors
Max. 1.5W speaker output
EIA/ CCIR auto switch
Metal cabinet
Power switch, video select, contract, brightness, H-hold, V-hold, Volume
Full range 100~240V 60/50Hz AC power input

Order #	HTM-1003-20A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	473x362x448mm

Shipping Weight **48 lbs** Unit per ctn **1pcs**

HTM-1003-17A

17-inch B/W Security Surveillance Monitor
Max. 1000 TV lines of horizontal resolution
2 Video inputs with 2 Looping through BNC connectors
2 RCA inputs with 2 Looping through RCA connectors
Max. 1.5W speaker output
EIA/ CCIR auto switch
Metal cabinet
Power switch, video select, contract, brightness, H-hold, V-hold, Volume
Full range 100~240V 60/50Hz AC power input

Order #	HTM-1003-17A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	405x370x406mm

Shipping Weight **31.75 lbs** Unit per ctn **1pcs**

HTM-1003-15A

15-inch B/W Security Surveillance Monitor
Max. 1000 TV lines of horizontal resolution
1 Video inputs with 1 Looping through BNC connectors
1 RCA inputs with 1 Looping through RCA connectors
Max. 1.5W speaker output
EIA/ CCIR auto switch
Metal cabinet
Power switch, video select, contract, brightness, H-hold, V-hold, Volume
Full range 100~240V 60/50Hz AC power input

Order #	HTM-1003-15A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	359x353x353mm

Shipping Weight **28.95 lbs** Unit per ctn **1pcs**

B/W Monitors

12-inch B/W Security Surveillance Monitor
Max. 1000 TV lines of horizontal resolution
1 Video inputs with 1 Looping through BNC connectors
1 RCA inputs with 1 Looping through RCA connectors
Max. 1.5W speaker output
EIA/ CCIR auto switch
Metal cabinet
Power switch, video select, contract, brightness, H-hold, V-hold, Volume
Full range 100~240V 60/50Hz AC power input

Order #	HTM-1003-12A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	310x303x321mm

Shipping Weight **19.5 lbs**
Unit per ctn **1pcs**

HTM-1003-12A

9-inch B/W Security Surveillance Monitor
Max. 900 TV lines of horizontal resolution
1 Video inputs with 1 Looping through BNC connectors
1 RCA inputs with 1 Looping through RCA connectors
Max. 1.5W speaker output
EIA/ CCIR auto switch
Metal cabinet
Power switch, video select, contract, brightness, H-hold, V-hold, Volume
Full range 100~240V 60/50Hz AC power input

Order #	HTM-1003-9A
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	264x222x238mm

Shipping Weight **13.1 lbs**
Unit per ctn **1pcs**

HTM-1003-9A

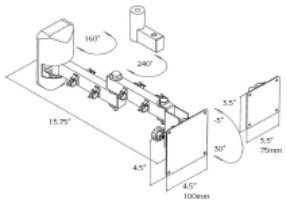
5.5-inch B/W Rear View Monitor
Max. 525 TV lines of horizontal resolution
On screen reverse image
Day/ Night mode switch
A/B channel switch
DC 12~24V power source

Order #	RVT-55
Certificate	CE, CE LVD, UL, CUL, FCC, RoHS, FDA
Dimension	184x140x133mm

Shipping Weight **5.15 lbs**
Unit per ctn **4pcs**

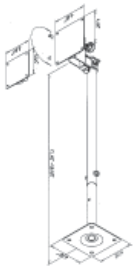
RVT-55

LCD Mounts



Univ. LCD Monitor Wall Mnt-Silver
Can be configured as a single arm, double arm articulating or near flush mount with parts provided
Holds most 10" - 21" LCD monitors
Accommodates monitors with 75 or 100mm VESA standards
Adjustable -5° to +30° tilt
Rotates 240° at the monitor
Rotates 160° at the wall
Rotates 240° at the elbow joint

HLCD-1



Univ. LCD Monitor Clng. Mnt-Silver
Holds most 10" - 21" LCD monitors
Accommodates monitors with 75 or 100mm VESA standards
Mast telescopes 17" - 27' from the ceiling
rotates 360° and has
Adjustable -5° to +30° tilt
Rotates 240° at the monitor includes clip based cable management system
Load capacity 25 lbs
Silver powder coat finish

HLCD-1C

Swivel Type wall mount bracket holds 15", 17", 19" LCD monitor
Accommodates monitors with 75 or 100mm VESA standards
Pan angle 180°
Tilt angle 180°
Adjustable -5° to +30° tilt
Load capacity 35 lbs.
Black coat finish

HTH-1170B

Rack mount brackets holds 17" and 19" LCD monitor
LCD Monitor rack mount
Holds most 17" - 19" LCD monitors
Accommodates monitors with 100mm VESA standards
Tilt angle 180°
Load capacity 35 lbs.
Black coat finish

TW-1719RB

Day/ Night IR Correct Lens

HTL-0550DDN

5~50mm D/N Auto iris Direct drive
Correct IR Shift keeping both visible and IR rays focus on the same point
1/3" format, CS Mount, F1.4
DC Drive with 4 pin connector
Dimension 2.1 x 2.2 x 4.0 in
Weight 0.38 lbs

Viewing angle

1/3"	1/4"
V59.6°~3.026°	6V5.49°~46.58°
H49.2°~5.82°	H 4.38°~38°
D37.98°~4.38°	D3.34° ~28.34°

Shipping Weight **0.38 lbs** Unit per ctn **50pcs**

HTL-3508DDN

3.5~8mm D/N Auto iris Direct drive
Correct IR Shift keeping both visible and IR rays focus on the same point
1/3" format, CS Mount, F1.4
DC Drive with 4 pin connector
Dimension 1.9 x 2.0 x 2.8 in
Weight 0.19 lbs

Viewing angle

1/3"	1/4"
V106°~43.2°	V75.8°~232.3°
H81.3°~34.4°	H60.0°~25.8°
D60.0°~25.8°	D44.6°~19.34°

Shipping Weight **0.19 lbs** Unit per ctn **50pcs**

HTL-2511DDN

2.5~11mm Auto iris Direct drive
Correct IR Shift keeping both visible and IR rays focus on the same point
1/3" format, CS Mount, F1.4
DC Drive with 4 pin connector
Dimension 1.8 x 2.0 x 2.8 in
Weight 0.25 lbs

Viewing angle

1/3"	1/4"
V140°~35°	V95.7°~28.4°
H105.2°~28.5°	H 75.5°~20.8°
D75.5°~21.7°	D55.5°~16.0°

Shipping Weight **0.25 lbs** Unit per ctn **50pcs**

Vari-focal Lens

HTL-5808D

5.5~82.5mm Vari-Focal auto-iris lens
DC Drive with 4 pin
1/3" format, CS mount, f. 1.8
Dimension 2.1 x 2.4 x 4.2 in
Weight 0.48 lbs

Viewing angle

1/3"	1/4"
V64.7°~4.2°	V64.7°~4.2°
H50.7°~3.1°	H38.3°~2.6°
D37.5°~2.3°	D37.5°~2.3°

Shipping Weight **0.48 lbs** Unit per ctn **50pcs**

HTL-0770D

7~70mm Vari-Focal auto iris lens
DC Drive with 4 pin connector
1/3" format, CS mount, f 1.8
Dimension 2 x 2.5 x 3.8 in
Weight 0.56 lbs

Viewing angle

1/3"	1/4"
V25.28.56°~3.02°	V21.49°~2.17°
H38.12°~3.59°	H 28.56°~3.02°
D24.75°~3.12°	D17.6°~3.1°

Shipping Weight **0.56 lbs** Unit per ctn **50pcs**

Vari-Focal Lens

HTL-0550D

5~50mm Vari-Focal auto-iris lens
DC Drive with 4 pin
1/3" format, CS mount, f 1.4
Dimension 2.1 x 2.2 x 4.0 in
Weight 0.45 lbs

Viewing angle

1/3"	1/4"
V59.6°~7.4°	V5.46°~46.58
H49.2°~5.82°	H 4.38°~38°
D37.98°~4.38	D3.34°~28.84

Shipping Weight **0.45 lbs**
Unit per ctn **50pcs**

HTL-0550

5~50mm manual vari-focal lens
1/3" format, CS mount, f 1.4
Dimension 2.1 x 2.2 x 4.0 in
Weight 0.44 lbs

Viewing angle

1/3"	1/4"
V59.6°~7.4°	V5.46°~46.58
H49.2°~5.82°	H 4.38°~38°
D37.98°~4.38	D3.34°~28.84

Shipping Weight **0.44 lbs**
Unit per ctn **50pcs**

HTL-3080D

3~8mm Vari-Focal auto-iris lens
DC Drive with 4 pin
1/3" format, CS mount, f 1.4
Dimension 1.9 x 2.0 x 2.8 in
Weight 0.16 lbs

Viewing angle

1/3"	1/4"
V118.7°~44.1	V89.1°~33.0°
H93.4°~34.6°	H68.7°~25.8°
D68.7°~26.0°	D50.9°~19.

Shipping Weight **0.16 lbs**
Unit per ctn **50pcs**

HTL-3080

Manual-iris 3-8mm
1/3" format, CS mount, f 1.4
Dimension 1.9 x 2.0 x 2.8 in
Weight 0.14 lbs

Viewing angle

1/3"	1/4"
V118.7°~44.1	V89.1°~33.0°
H93.4°~34.6°	H68.7°~25.8°
D68.7°~26.0°	D50.9°~19.

Shipping Weight **0.14 lbs**
Unit per ctn **50pcs**

HTL-2812D

2.8~12mm Vari-Focal auto-iris lens
DC Drive with 4 pin
1/3" format, CS mount, f 1.4
Dimension 1.8 x 2.0 x 2.8 in
Weight 0.18 lbs

Viewing angle

1/3"	1/4"
V134°~32.0°	V 92.7°~23.4°
H99.8°~25.0°	H 72.5°~18.8°
D72.5°~18.7°	D53.5°~14.0°

Shipping Weight **0.18 lbs**
Unit per ctn **50pcs**

CCTV Lens

Vari-focal Lens

HTL-2812

Manual-iris 2.8-12.0mm
1/3" format, CS mount, f 1.4
Dimension 1.8 x 2.0 x 2.8 in
Weight 0.15 lbs

Viewing angle

1/3"	1/4"
V134°~32.0°	V 92.7°~23.4°
H99.8°~25.0°	H 72.5°~18.8°
D72.5°~18.7°	D53.5°~14.0°

Shipping Weight **0.15 lbs**
Unit per ctn **50pcs**

HTL-1634D

1.6~3.4mm Vari-Focal auto-iris lens
DC Drive with 4 pin
1/3" format, CS mount, f 1.4
Dimension ø1.6 x 1.81 x 2.1in
Weight 0.21 lbs

Viewing angle

1/3"	1/4"
V180°~106.1	V180°~106.1°
H 180°~84.3°	H 140°~65.4°
D114.1°~55.8	D114.1°~55.8

Shipping Weight **0.21 lbs**
Unit per ctn **50pcs**

HTL-1634M

1.6~3.4mm manual-iris lens
1/3" format, CS mount, f 1.4
Dimension ø1.6 x 1.81 x 2.1in
Weight 0.21 lbs

Viewing angle

1/3"	1/4"
V180°~106.1	V180°~106.1°
H 180°~84.3°	H 140°~65.4°
D114.1°~55.8	D114.1°~55.8

Shipping Weight **0.21 lbs**
Unit per ctn **50pcs**

Fixed Lens

HTL-2520

2.5mm board lens
1/3" format, D mount, M12, f. 2.0

1/3"	1/4"
140°	104°

HTL-2520R

2.5mm board lens
1/3" format, C mount, f. 2.0

1/3"	1/4"
140°	104°

HTL-2920

2.9mm board lens
1/3" format, D mount, M12, f. 2.0

1/3"	1/4"
130°	95°

HTL-2920R

2.9mm board lens
1/3" format, C mount, f. 2.0

1/3"	1/4"
130°	95°

HTL-3620

3.6mm board lens
1/3" format, D mount, M12, f. 2.0

1/3"	1/4"
92°	73°

HTL-3620R

3.6mm board lens
1/3" format, C mount, f. 2.0

1/3"	1/4"
92°	73°

Fixed Lens

HTL-4020

4.3mm board lens
1/3" format, D mount, M12, f. 1.8

1/3"	1/4"
78°	61°

HTL-4020R

4.3mm board lens
1/3" format, C mount, f. 1.8

1/3"	1/4"
78°	61°

HTL-6020

6.0mm board lens
1/3" format, D mount, M12, f. 1.8

1/3"	1/4"
53°	38°

HTL-6020R

6.0mm board lens
1/3" format, C mount, f. 1.8

1/3"	1/4"
53°	38°

HTL-8020

8.0mm board lens
1/3" format, D mount, M12, f. 1.8

1/3"	1/4"
40°	30°

HTL-8020R

8.0mm board lens
1/3" format, C mount, f. 1.8

1/3"	1/4"
40°	30°

HTL-1220

12.0mm board lens
1/3" format, D mount, M12, f. 2.2

1/3"	1/4"
28°	19°

HTL-1220R

12.0mm board lens
1/3" format, C mount, f. 2.2

1/3"	1/4"
28°	19°

HTL-1620

16.0mm board lens
1/3" format, D mount, M12, f. 2.5

1/3"	1/4"
19°	15°

HTL-1620R

16.0mm board lens
1/3" format, C mount, f. 2.5

1/3"	1/4"
19°	15°

HTL-1720

1.7mm board lens
1/3" format, D mount, M12, f. 3.0

1/3"	1/4"
170°	160°

HTL-2550

16.0mm board lens
1/3" format, C mount, f. 2.5

1/3"	1/4"
13.8°	15°

Pinhole Lens

HTL-3720

3.7mm pinhole fixed focal length
1/3" format, D mount, M12, f. 2.0

1/3"	1/4"
90°	71°

HTL-3720S

4.3 mm pinhole fixed focal length
1/3" format, D mount, M12, f. 2.0

1/3"	1/4"
78°	61°

Video Processor

Color Multiplexer

HCM-16CE

16 channel Digital Color Duplex multiplexer
Full duplex operation allows to record and playback up to 16 cameras simultaneously
Adjustable impedance, brightness, contrast, color and tint for each camera inputs
Option available to watch 16, 9, 4 splited pictures, or PIP, or any camera inputs
Built in time/date generator, plus 8 character camera title function
On-screen set-up menus
100 alarm records available to automatically record the sensor alarm and video loss channel with time/date stamp
Provides automatic video loss and alarm detection, products two different alarm sounds.

Order #	HCM-16CE
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **7.7 lbs** Unit per ctn **6pcs**

HCM-09CE

9 channel Digital Color Duplex multiplexer
Full duplex operation allows to record and playback up to 9 cameras simultaneously via 2 VCRs
Adjustable impedance, brightness, contrast, color and tint for each camera inputs
Option available to watch 9, 4 splited pictures, or PIP, or any camera full screen
Built in time/date generator, plus 8 character camera title function
On-screen set-up menus
Control by computer via RS-232 port greatly enhances product application
100 alarm records available to automatically record the sensor alarm and video loss channel with time/date stamp
Provides automatic video loss and alarm detection, products two different alarm sounds

Order #	HCM-09CE
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **8.0 lbs** Unit per ctn **6pcs**

HCM-04BT

4 channel Digital Color Duplex multiplexer
Full duplex operation allows to record and playback up to 4 cameras simultaneously via 2 VCRs
Compatible with standard and Time Lapse VCRs. The recording time is programmable between 2 to 999 hours
Option available to watch 4 full screen pictures in sequence or quad screen
Built-in time/date generator, plus 8 character camera title function
On-screen set-up menus
100 alarm records available to automatically record the sensor alarm and video loss channel with time/date stamp

Order #	HCM-04BT
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **6.7 lbs** Unit per ctn **6pcs**

B/W Multiplexer

HBM-16CE

16 channel Digital B/W Duplex multiplexer
Full duplex operation allows to record and playback up to 16 cameras simultaneously
Adjustable impedance, brightness, contrast, color and tint for each camera inputs
Option available to watch 16, 9, 4 splited pictures, or PIP, or any camera inputs
Built in time/date generator, plus 8 character camera title function
On-screen set-up menus
100 alarm records available to automatically record the sensor alarm and video loss channel with time/date stamp
Provides automatic video loss and alarm detection, provid two different alarm sounds

Order #	HBM-16CE
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **6.7 lbs** Unit per ctn **6pcs**

HBM-09CE

9 channel Digital B/W Duplex multiplexe
Full duplex operation allows to record and playback up to 9 cameras simultaneously via 2 VCRs
Adjustable impedance, brightness, contrast, color and tint for each camera inputs
Option available to watch 9, 4 splited pictures, or PIP, or any camera full screen
Built in time/date generator, plus 8 character camera title function
Provides on-screen set-up menus for ease of operation
Control by computer via RS-232 port greatly enhances product application
100 alarm records available to automatically record the sensor alarm and video loss channel with time/date stamp
Provides automatic video loss and alarm detection, provid two different alarm sounds

Order #	HBM-09CE
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **7.4 lbs** Unit per ctn **6pcs**

HBM-04BT

4 channel Digital B/W Duplex multiplexer
Full duplex operation allows to record and playback up to 4 cameras simultaneously via 2 VCRs
Compatible with standard and Time Lapse VCRs. The recording time is programmable between 2 to 999 hours
Adjustable brightness, contrast, color and tint for each camera inputs
Option available to watch 4 full screen pictures in sequence or quad screen
Built in time/date generator, plus 8 character camera title function
On-screen set-up menus
100 alarm records available to automatically record the sensor alarm and video loss channel with time/date stamp

Order #	HBM-04BT
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **6.8 lbs** Unit per ctn **6pcs**

Color Quad Processor

HTMV-1016A

4 channel Digital Color quad processor/switcher/looping/ zoom*2/60FPS
On-screen individually adjustable brightness/contrast of each channel
High resolution
On-screen programming menu
On-screen indication for alarm and video-loss detection
Sequential switching mode provided
Full digitized processing

Order #	HTMV-1016A
Power Source	DC 12V 500mA
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **6.25 lbs** Unit per ctn **6pcs**

HCQ-04BD

4 channel Digital Color quad processor/switcher/looping/ 45FPS
Connect up to 4 cameras
Real-time refresh rate
Sequential switching mode provided
2x zoom
Freeze function and video loss connection

Order #	HCQ-04BD
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	220x140x50mm

Shipping Weight **2.45 lbs** Unit per ctn **6pcs**

HCQ-08BP

8 channel Digital Color quad processor/switcher/looping/ zoom*2/30FPS
Connect up to 8 cameras
Real-time refresh rate
Sequential switching mode provided
2x zoom
Freeze function and video loss connection

Order #	HCQ-08BP
Power Source	DC 12V 1.2Amp
Certificate	CE FCC
Dimension	435x254x44mm

Shipping Weight **6.85 lbs** Unit per ctn **6pcs**

B/W Quad Processor

HTMV-1013

4 channel Digital B/W quad processor/switcher/looping/ zoom*2/60FPS/Looping
On-screen individually adjustable brightness/contrast of each channel
High resolution
On-screen programming menu
On-screen indication for alarm and video-loss detection
Sequential switching mode provided
Full digitized processing
PIP mode

Order #	HTMV-1013
Power Source	DC 12V 500mA
Certificate	CE FCC
Dimension	430x248x50mm

Shipping Weight **6.45 lbs** Unit per ctn **6pcs**

HBQ-04BM

4 channel Digital B/W quad processor/switcher/zoom*2/ 60FPS
Connect up to 4 cameras
Real-time refresh rate
Sequential switching mode provided
2x zoom
Freeze function and video loss connection

Order #	HBQ-04BM
Power Source	DC 12V 500mA
Certificate	CE FCC
Dimension	220x140x50mm

Shipping Weight **2.5 lbs** Unit per ctn **6pcs**

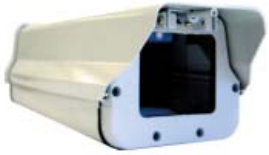
Camera Environmental Housing

Indoor/Outdoor Housing with Heater & Blower
Extruded Aluminum
Built in heater/blower
15.3"
Power Source: 24VAC
Heater: ON/OFF (Less than 57°F/ More than 77°F), 50mA
Fan: ON/OFF (More than 104°F/ Less than 86°F), 15mA

HTH-S3BH

Indoor/Outdoor Housing
Extruded Aluminum
15.3"

HTH-S3



Indoor/Outdoor Housing
Extruded Aluminum
8.5"

HTH-S3S

Indoor/Outdoor Housing with Heater & Blower
Side open
Extruded Aluminum
Built in heater/blower
15.3"
Power Source: 24VAC
Heater: ON/OFF (Less than 57°F/ More than 77°F), 50mA
Fan: ON/OFF (More than 104°F/ Less than 86°F), 15mA

HTH-S5BH

Indoor/Outdoor Housing
Side open
Extruded Aluminum15.3"

HTH-S5

Camera Brackets

Indoor/Outdoor housing mount for HTH-S3 series
Extruded Aluminum
Dimension: 290mm
Environment: Indoor/ outdoor

HTH-2010/1

Indoor/Outdoor housing mount for HTH-S5 series
Extruded Aluminum
Dimension: 290mm
Environment: Indoor/ outdoor

HTH-5010/1

Indoor/Outdoor housing mount for HTH-S3 series
Extruded Aluminum
Dimension: 290mm
Environment: Indoor/ outdoor

HTH-2010L

Camera Brackets

Wall mount brackets for HTC-11 series

HTH-11B

Wall mount brackets for HTC-11 series

HTH-11BT

Universal cameras mount
Construction: Metal
Screw Size: 1/4"
Tilt Angle: 90 degree
Dimension: 165mm
Environment: Indoor

HTH-3010B

Universal cameras mount
Construction: Metal
Screw Size: 1/4"
Tilt Angle: 90 degree
Dimension: 165mm
Environment: Indoor

HTH-3010W

ABS cameras mount
Construction: ABS
Screw Size: 1/4"
Tilt Angle: 90 degree
Dimension: 165mm
Environment: Indoor

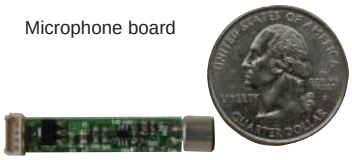
HTH-1010/5

Metal cameras mount
Construction: Metal
Screw Size: 1/4"
Tilt Angle: 90 degree
Dimension: 165mm
Environment: Indoor

HTH-1010/7

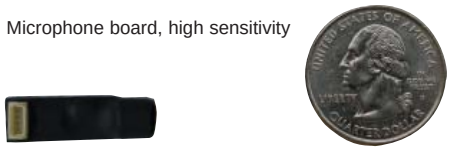
Camera Accessories Microphones, Connecotors, Wire

Microphone board



HTA-1103

Microphone board, high sensitivity



HTA-1103/R

BNC Connector
Twist-on type

HTA-1104

BNC Connector
Crimp-on Type

HTA-1104C

BNC M to RCA F connector

HTA-2104

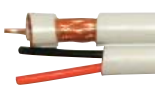
BNC F to RCA M connector

HTA-2105

BNC to BNC connector

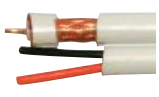
HTA-2106

RG-59U with 18/2 Cond.
Semi Cable 1000 ft.



HTW-1106

RG-59U with 18/2 Cond.
Semi Cable 500 ft.



HTW-1106-1

CCTV Power Supply

Dual Voltage Power Supply

8 Cam. power panel 4 Cam 24VAC/ 4Amp and 4 Cam
12VDC/ 2.5Amp
Built in smart fuse

Order #	HPS-24-1240UL
Certificate	UL
Dimension	290X290X89mm

Shipping Weight **10.35 lbs**
Unit per ctn **1pcs**

HPS-24-1240UL

12VDC Power Supply

1 Cam. 12VDC 500mA regulated transformer
110VAC

Order #	HTA-1102UL
Certificate	UL
Dimension	80X53X67mm

Shipping Weight **0.9 lbs**
Unit per ctn **50pcs**

HTA-1102UL

4 Cam. 12VDC power panel
2.5Amp
Built in smart fuse

Order #	HPS-1240DCUL
Certificate	UL
Dimension	234X208X94mm

Shipping Weight **6.15 lbs**
Unit per ctn **1pcs**

HPS-1240DCUL

8 Cam. 12DC power panel

6Amp
Built in smart fuse

Order #	HPS-1280DCS-6
Certificate	UL
Dimension	290X290X92mm

Shipping Weight **11.45 lbs**
Unit per ctn **1pcs**

HPS-1280DCS-6

16 Cam. 12DC power panel

9Amp
Built in smart fuse

Order #	HPS-1216DCS-9
Certificate	UL
Dimension	397X286X111mm

Shipping Weight **8.8 lbs**
Unit per ctn **1pcs**

HPS-1216DCS-9

24VAC Power Supply

16 Camera 24VAC power panel
8Amp
Built in smart fuse

Order #	HJR-2416UL
Certificate	UL
Dimension	234X208X94mm

Shipping Weight **9.05 lbs**
Unit per ctn **1pcs**

HPS-2416UL

24VAC Power Supply

9 Camera 24VAC power panel
4Amp
Built in smart fuse

Order #	HJR-2490
Certificate	UL
Dimension	208X186X76mm

Shipping Weight **5.7 lbs**
Unit per ctn **1pcs**

HJR-2490

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4 Camera 24VAC power panel
4Amp
Built in smart fuse

Order #	HJR2440
Certificate	UL
Dimension	208X186X76mm

Shipping Weight **5.6 lbs**
Unit per ctn **1pcs**

HJR-2440

---

1 Cam. 24VAC 20VA transformer w/ LED indicator

Order #	HTA-110220
Certificate	UL
Dimension	81X56X67mm

Shipping Weight **1.43 lbs**
Unit per ctn **1pcs**

HTA-110220

1Cam. 24VAC 40VA transformer w/ LED indicator

Order #	HTA-110240
Certificate	UL
Dimension	102X64X73mm

Shipping Weight **1.6 lbs**
Unit per ctn **1pcs**

HTA-110240

---

4 Cameras power panel
8 Amp

Order #	HPS-2440S-8
Certificate	UL
Dimension	292x292x73mm

Shipping Weight **10.45 lbs**
Unit per ctn **1pcs**

HPS-2440S-8

---

8 Cameras power panel
16 Amp

Order #	HPS-2480S-16
Certificate	UL
Dimension	292x292x92mm

Shipping Weight **16.25 lbs**
Unit per ctn **1pcs**

HPS-2480S-16

PRODUCT CATEGORY WARRANTY

18 MONTH LIMITED WARRANTY FOR THE FOLLOWING PRODUCTS

HVR Series, HVRM Series, HMR Series, HJR Series, HTR Series, Advanced Video Server, Network Cameras, Speed Dome, Security Monitor, Video Processor.

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TWO YEAR LIMITED WARRANTY FOR THE FOLLOWING PRODUCTS

Box type CCD Cameras, WDR Cameras, Day/Night Cameras, IR Cameras, Water Resistance Cameras, Dome Cameras-Interior, Vandal Resistance Dome Cameras, Hidden Type Cameras, Board Cameras, Video Transceiver, Video Transmission, Video Distributor, Power Converter, CCTV Lens, Video Monitor Mounts, Camera Housing and Mount, Camera Power Supply.

RETURN AND WARRANTY POLICY

Hunt Electronics USA, Inc. warranty obligations are limited to the terms set forth below:
HUNT warrants that each of its products will be free from material and workmanship defects under the warranty period by the invoice date. If the customer discovers a defect, HUNT will, at its option, repair or replace the defective product at no charge to the customer. Customer is responsible to return the defective product to HUNT's California location during the warranty period and prepay for transportation charge. The returned product must be properly packaged to obtain warranty service.

How to Precede Your Warranty

For warranty service please contact us at 1-888-993-4868 to obtain a "Return Merchandise Authorization (RMA) number." A copy of the invoice as well as the RMA form with the appropriate HUNT serial number and model number are required for warranty service.

Warranty Exclusions

- Out of warranty periods
- Abuse, unreasonable use, mistreatment, or neglect
- Damage caused during installation
- Damage caused by modification or repair not made or authorized by HUNT
- HUNT products whose serial number has been removed or defaced
- Damage caused by improper or improperly used packaging

This warranty and remedies set forth above are exclusive of all others, whether oral or written, expressed or implied, Hunt Electronic USA, Inc. specifically disclaims any and all implied warranties, including without limitation, warranties of merchantability and fitness for a particular purpose and against infringement.

No HUNT distributor, representative, agent or employee is authorized to make any modification, extension or addition to this warranty.

Specifications are subject to change without notice

United States Federal Regulation

Customer has to post warning sign if an audio device is used conjunction with video device machine

INDEX

ITEM PAGE

H105A24VFAI4T9 37
H105A24VFAI4T9DN 28
H105A24VM4T9 28
H105E24VFAI4T9 37
H105E24VFAI4T9DN 28
H105E24VM4T9 28
H15324VFAI4T9 38
H15324VM4T9 38
H15624VFAI4T9 38
H15624VM4T9 38
HB101M 16
HB-104 17
HB-106 17
HBM-04BT 60
HBM-09CE 60
HBM-16CE 60
HBQ- 04BM 61
HCD-15AH 52
HCD-15EH 52
HCD-15PH 53
HCD-17AH 52
HCD-17EH 52
HCD-17PH 53
HCD-19AH 52
HCD-19EH 52
HCD-19PH 53
HCM-04BT 60
HCM-09CE 60
HCM-16CE 60
HCQ-04BD 61
HCQ-08BP 61
HD101M 16
HE30 15
HJR-04 12
HJR-08 12
HJR-16 12
HJR-2416UL 64
HJR-2440UL 65
HJR-2490UL 65
HKB-300 19
HLCD-1 55
HLCD-1C 55
HLSM-413 53
HMR-04 8
HMR-08 8
HMR-08M 10
HMR-16 8
HMR-16M 10
HMR-16Q 10
HNVS-04 14
HPS-1216DCS-9 64
HPS-1240DCUL 64
HPS-1280DCS-6 64
HPS-24-1240 64
HPS-2440S-8 65
HPS-2480S-16 65
HTA-1102 64
HTA-110220 65
HTA-110240 65
HTA-1103 63
HTA-1103/R 63
HTA-1104 63
HTA-1104C 63
HTA-2104 63
HTA-2105 63
HTA-2106 63
HTA-CD102-1 50
HTA-CD104-1 50
HTA-CD1664 50
HTA-CD816-1 50
HTA-GL001 50
HTA-PC500 46
HTA-RS001 49
HTA-RS004 49
HTA-RS008 49
HTA-RS016 49
HTA-SP001B 46
HTA-SP001PT 46
HTA-SP001VPBT 46
HTA-SP001VPDBTT 46
HTA-SP016CB 46
HTA-TPA008-1 48
HTA-TPA016-1 48
HTA-TPP016 48
HTA-TPP016-J45 47
HTA-TTA111VGA-1 51
HTA-TTA111VR-1 49
HTA-TTA111VT-1 49
HTA-TTP016VPJ45 47
HTA-TTP111V3J45 47
HTA-TTP111VC 48
HTA-TTP111VGA 51
HTA-TTP111VL 48
HTA-TTP111VPJ45 47
HTA-TTP111VPK 47
HTA-TTP111VT 48
HTA-TTP414VJ45 47
HTB-3005HS 42
HTB-3005S 42
HTB-3006HS 43
HTB-3006S 43
HTB-3800HS 43
HTB-3800S 43
HTB-683D 27
HTB-683L 27
HTB-686D 27
HTB-686L 27
HTC-105A 36
HTC-105A-24 37
HTC-105A-24DN 28
HTC-105E 36
HTC-105E-24 37
HTC-105E-24DN 28
HTC-10E336 41
HTC-10E348D 41
HTC-10E348M 41
HTC-10E636 41
HTC-10E648D 41
HTC-10E648M 41
HTC-10EC36 40
HTC-10EC36DN 30
HTC-10EC48D 40
HTC-10EC48DDN 30
HTC-10EC48M 40
HTC-10EG36 40
HTC-10EG36DN 30
HTC-10EG48D 40
HTC-10EG48DDN 30
HTC-10EG48M 40
HTC-11336 40
HTC-11348D 40
HTC-11348M 40
HTC-11636 39
HTC-11648D 39
HTC-11648M 39
HTC-11C28DID 31
HTC-11C36 39
HTC-11C36DN 29
HTC-11C36IR 30
HTC-11C48D 39
HTC-11C48DDN 29
HTC-11C48M 39
HTC-11G1850DDN 29
HTC-11G28DID 31
HTC-11G36 39
HTC-11G36DN 29
HTC-11G36IR 30
HTC-11G48D 39
HTC-11G48DDN 29
HTC-11G48M 39
HTC-11GWD28D 25
HTC-11GWD28DID 25
HTC-124 36
HTC-124C 36
HTC-153 36
HTC-153-24 38
HTC-156 36
HTC-156-24 38
HTC-15C28DID 31
HTC-15C36 31
HTC-15G28DID 31
HTC-15G36 31
HTC-190 35
HTC-191 35
HTC-230 35
HTC-231 35
HTC-231R/2.9 34
HTC-26036V24 44
HTC-260V24M49 44
HTC-260V24VF49 44
HTC-26636V24 44
HTC-266V24M49 44
HTC-266V24VF49 44
HTC-2H1 45
HTC-2H1C 45
HTC-2H1CS 45
HTC-2H1S 45
HTC-2H6 45
HTC-2H6C 45
HTC-2H6CS 45
HTC-2H6S 45
HTC-2N3 45
HTC-2N3C 45
HTC-2N3S 45
HTC-2N3SC 45
HTC-3005HS 42
HTC-3005S 42
HTC-3006HS 42
HTC-3006S 42
HTC-3800HS 43
HTC-3800S 43
HTC-5AH2810 35
HTC-5AH2810D 32
HTC-5AH36 35
HTC-65AL 26
HTC-65C 28
HTC-65D 26
HTC-65G 28
HTC-65GWD 25
HTC-66EL 26
HTC-760 33
HTC-763 33
HTC-76N 33
HTC-785 34
HTC-786 34
HTC-78A 34
HTC-790 33
HTC-79A 34
HTC-79C/4.3 33
HTC-79G/4.3 33
HTC-7AH10Z 32
HTC-7AH28WDID 25
HTC-7AH2910D 32
HTC-7AH2910HD 32
HTC-7AH36D 32
HTC-7AH550D 32
HTCH-0916A 54
HTCH-1516A 54
HTCH-1716A 54
HTCH-2016A 53
HTH-1010/5 63
HTH-1010/7 63
HTH-1170B 55
HTH-11B 63
HTH-11BT 63
HTH-1719RB 55
HTH-2010/1 62
HTH-2010L 62
HTH-3010B 63
HTH-3010W 63
HTH-5010/1 62
HTH-S3 62
HTH-S3BH 62
HTH-S3S 62
HTH-S5 62
HTH-S5BH 62
HTL-0550 57
HTL-0550D 57
HTL-0550DDN 56
HTL-0770D 56
HTL-1220 59
HTL-1220R 59
HTL-1620 59
HTL-1620R 59
HTL-1634D 58
HTL-1634M 58
HTL-1720 59
HTL-2511DDN 56
HTL-2520 58
HTL-2520R 58
HTL-2550 59
HTL-2812 58
HTL-2812D 57
HTL-2920 58
HTL-2920R 58
HTL-3080 57
HTL-3080D 57
HTL-3508DDN 56
HTL-3620 58
HTL-3620R 58
HTL-4020 59
HTL-4020R 59
HTL-5808D 56
HTL-6020 59
HTL-6020R 59
HTL-8020 59
HTL-8020R 59
HTM-1003-12A 55
HTM-1003-15A 54
HTM-1003-17A 54
HTM-1003-20A 54
HTM-1003-7 53
HTM-1003-9A 55
HTMV-1013 61
HTMV-1016A 61
HTW-1106 63
HTW-1106-1 63
HTZ-1000CIS 24
HTZ-1000IS 24
HTZ-1000ISDBH 24
HTZ-1000ISWBH 24
HTZ-1000WIS 24
HTZ-1800CBH 22
HTZ-1800DBH 22
HTZ-1800IC 23
HTZ-1800IR 22
HTZ-1800PBH 22
HTZ-1800RBH 22
HTZ-1800WBH 22
HTZ-2600CBH 20
HTZ-2600DBH 20
HTZ-2600IC 21
HTZ-2600IR 20
HTZ-2600PBH 20
HTZ-2600RBH 20
HTZ-2600WBH 20
HTZ-3600CBH 18
HTZ-3600DBH 18
HTZ-3600IR 19
HTZ-3600PBH 18
HTZ-3600RBH 18
HTZ-3600WBH 18
HVRM-D1600Q 4
HVRM-D800E 6
HVRM-H1600L 4
HVRM-H1600M 4
HVRM-H3200M 4
HVRM-S400E 6
RVT-55 34

promotional items

IN OUR FACTORY, WE PRODUCE CCD CAMERAS.
IN OUR COMMITMENT. WE PROVIDE CCTV SOLUTIONS.

HUNT
ELECTRONIC

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